

# The CHEMIST AND DRUGGIST

for RETAILER - WHOLESALER - MANUFACTURER

Established 1859

28 Essex Street, Strand, London, W.C.2

Registered as a Newspaper

No. 3196  
VOL. CXXXIV

MAY 10, 1941

Annual Subscription (with  
Diary) 25/- Single Copies 9d.

## MAY & BAKER PRODUCTS

### EXEMPT FROM PURCHASE TAX

The Commissioners of Customs and Excise have now given a ruling that the following products of our manufacture are exempt from Purchase Tax

#### ADRENALINE

#### CHLOROFORM ANÆSTHETIC BAKER'S

#### ★ CYCLONAL SODIUM

#### ★ DMELCOS

#### ★ DURACAINE

#### ★ DAGENAN — M & B 693 ★

#### ETHER ANÆSTHETIC BAKER'S GONOCOCCAL VACCINES

#### ★ METARSENOBILLON—M.A.B. ★

#### ★ NEO-HYDRIOL FLUID

#### ★ NEO-HYDRIOL VISCOUS

#### ★ NOVARSENOBILLON—N.A.B. ★

#### ★ OPACOL

#### ★ OPACIN

#### ★ PROPIDEX

#### ★ PROSEPTASINE

#### ★ PLANOCAINE

#### REINFORCED COD-LIVER OIL

#### ★ SOLUSEPTASINE

#### SULPHANILAMIDE (MAY & BAKER)

#### ★ TENEPHROL

#### ★ THIAZAMIDE

#### ★ UROPAC

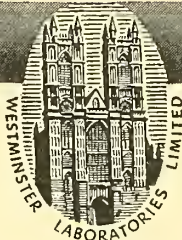
#### ★ VETARSENOBILLON

★ TRADE MARK

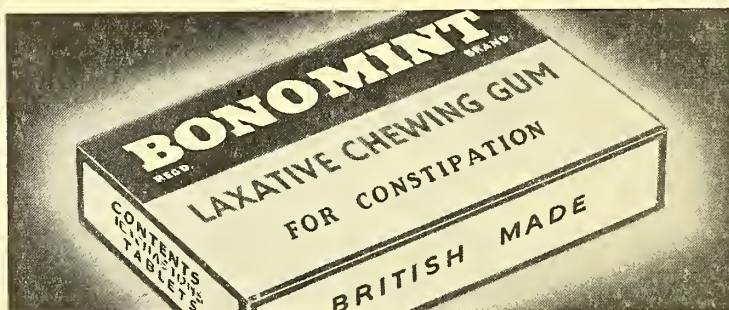
We ask our stockists to accept this list instead of the usual direct advice, and to cut it out and retain for reference.



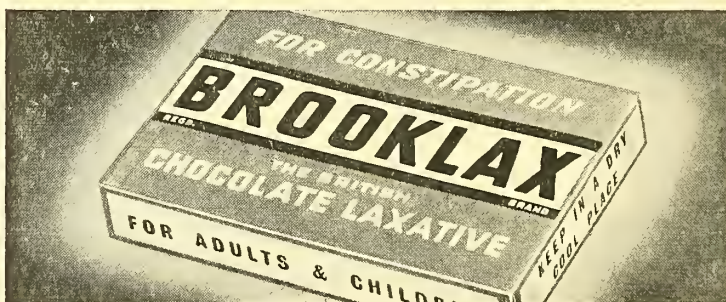
PHARMACEUTICAL SPECIALITIES  
(MAY & BAKER) LTD., DAGENHAM



**TWO FAMOUS**  
*British*  
**LAXATIVES**  
*that give you*  
**MORE PROFIT !**



THE BRITISH LAXATIVE CHEWING GUM 3 sizes: 2½d., 7d., 1/5



THE BRITISH CHOCOLATE LAXATIVE 3 sizes: 2½d., 7d., 1/5

WESTMINSTER LABORATORIES LTD., 4-12 PALMER ST., LONDON, S.W.1







**“SEDONAN”**  
**“CAAPI”**  
**“ABECEDIN”**  
**“RAMINAL”**

There is no shortage of these  
British made Products, which  
are available at pre-war prices.  
The “NAPP” standard of quality  
is fully maintained.

# Emptying shelves and filling shells

EVERYBODY knows that our normal peacetime standards of living must be cut during a war. Everybody knows that ships must carry war needs; that material and labour must all work for the war effort. But does everybody realise that while a shortage of supplies means inconvenience to the buyer, it must mean hardship to the seller?

All honour then to the great mass of traders who accept the new conditions with good grace.

---

IN WARTIME, production must be for war and not for peace. Here are examples of the changeover from peacetime products to wartime necessities:

CORSETS become Parachutes and Chinstraps

LACE CURTAINS become Sand-fly Netting

CARPETS become Webbing Equipment

TOILET PREPARATIONS become Anti-Gas Ointments

GOLF BALLS become Gas Masks

MATTRESSES become Life Jackets

SAUCEPANS become Steel Helmets

COMBS become Eyeshields

---

ISSUED BY THE BOARD OF TRADE



# Crookes

## regret

**LACTO-CALAMINE** (Limitation of Supplies). The current quota is exhausted. The June quota has been applied for over and over again, but with strict rationing we hope to be able to send limited supplies.

**HALIMALT AND HALYCITROL** Issue of these two products is suspended until an announcement is made that supplies are again available.

**GLUCOSE B-D** We are only able to execute future orders to prescription which must be sent in with the indent.

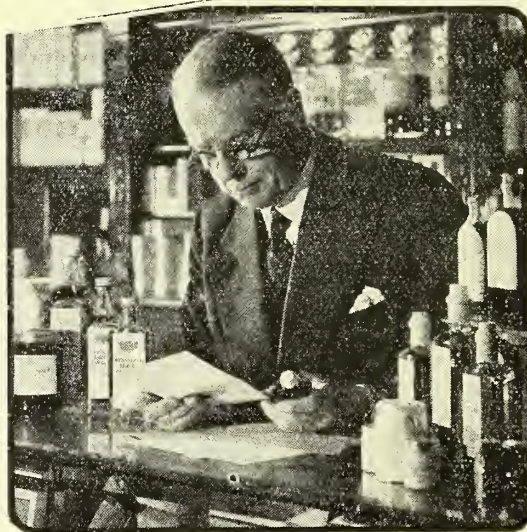
**ZINC CREAM**  
**CALAMINE CREAM** } You may have to wait several weeks for supplies which are being dispatched strictly in rotation.

**BONUS TERMS** now apply only to orders for—  
**HALIBUT LIVER OIL** (Drops and Capsules) and  
**IODINE AND BLACKCURRANT PASTILLES** all others having been cancelled.

To avoid disappointment, delay and unnecessary correspondence we would ask you to make a special note of the above.

**THE CROOKES LABORATORIES (British Colloids Ltd), N.W.10**  
Phone: Willesden 6313 (5 lines)  
Grams: Collosol, Harles, London

# DON'T BLAME THE SHOPKEEPER



*How the chemist has helped us 'go to it'*

WITH hasty snacks and work at all hours it's no wonder some of us need a little mild doctoring now and then. All this stress and strain means even more stress and strain for the chemist. He is the doctor's Head Assistant, an unpaid Health Warden, and a walking encyclopaedia all in one. But in addition to all this he runs a shop, and nearly all his supplies (from ob-

scure drugs to such household favourites as Cadbury's Bourn-vita) are heavily cut down. He has a hard job to satisfy everyone, to act as a front-line guardian of the nation's health and manage one of the most difficult businesses in the world.

So Cadburys want you to join them in just saying 'THANK YOU' to the chemist.

REPRINT  
FROM  
PRESS  
ADV'T.

ISSUED BY

## CADBURY'S

AS A TRIBUTE TO THE GOOD WORK BEING DONE BY BRITISH RETAILERS



# INDEX TO ADVERTISERS

Acton Pill & Tablet Co., Ltd.....	18	Box No. CDB/433 .....	18	Crookes Laboratories (British Colloids, Ltd.).....	3
Albro Fillers & Engineering Co., Ltd. ....	15	Box No. CDB/505 .....Col. Supp.		Cross, J. E., & Co. ....	10
Allen, Stafford, & Sons, Ltd.....	7	Brady & Martin, Ltd.....	iii	Cuxson, Gerrard & Co., Ltd.....	12
Bailey, R., & Son, Ltd. ....	14	Britton, Malcolm & Waymark, Ltd. ....	18	Daniel, Richard, & Son, Ltd.....	15
Beattall Novelty Co. ....	10	Brook, Parker & Co., Ltd.....	vi	Dearborn (1923), Ltd. ....	vii
Beechams Pills, Ltd.....	13	Burrough, James, Ltd. ....	Leader Page	English Grains Co., Ltd.....	vi
Bell & Sons, Ltd.....	8	Burroughs Wellcome & Co. ....	21	Evans, Adlard & Co., Ltd.....	vi
Bell, John, Hills & Lucas, Ltd. ....	Leader Page	Cadbury Bros., Ltd. ....	4	Everett, S. & R. J., & Co., Ltd.....	12
Berton, Arthur, Ltd. ....	10	Calvert, F. C., & Co., Ltd. ....	9	Fennings, A. ....	Leader Page
Blackwell, Hayes & Co., Ltd. Cover	iv	Cartwright, W. B., Ltd.....	6	Fink, F., & Co.....	Leader Page
Blyton, Astley & Co., Ltd. ....	Leader Page	Ciba, Ltd.....	i	Freudentheil, Smith & Co. ....	Leader Page
Board of Trade, The ....	2	Continental Laboratories, Ltd.....	viii		
Bolton, Charles V.....Col. Supp.		Cooper Laboratory, Ltd. ....	15		
		Cox, Arthur H., & Co., Ltd. ....	8		

(continued overleaf)

# RENDELLS

## PRODUCTS

### *for Feminine Hygiene*

W. J. RENDELL LTD.

HARDWICK HOUSE, 161-5 ROSEBURY AVENUE · LONDON · E.C.1.

**INDEX—contd.**

INDEX—contd.		Matthews Laboratories, Ltd. Leader Page	Richter, Gedeon, (Great Britain), Ltd. ....
Gale, Baiss & Co., Ltd. ....	vi	Meggeson & Co., Ltd. ....	16
Goldstein, J.L. ....	Col. Supp.	Mehta Bros. ....	iv
Grosse, J. ....	iv	Monsanto Chemicals, Ltd. ....	Cover iii
		Multishave Co. ....	11
Harris, Hart & Co., Ltd. ....	iv		
Heward, R. H., Co. ....	14	Napp, H. R., Ltd. ....	1, Leader Page
Hobson, Trimble & Co., Ltd. ....	12	National Association of Opticians	18
Howard, Lloyd & Co., Ltd. ....	ii	National Glass Works (York), Ltd.	22
Hubbuck, T., & Son, Ltd. ....	ii	Newball & Mason, Ltd. ....	18
International Laboratories, Ltd.	vii	Pharmaceutical Specialities (May & Baker), Ltd. ....	Front Cover
		Phosferine (Ashton & Parsons), Ltd. ....	viii
Jeffreys, Miller & Co., Ltd. ....	iii	Potter & Clarke, Ltd. ....	19
Johnson & Sons, Manufacturing Chemists, Ltd. ....	iii	Prideaux's, Ltd. ....	vi
Kerfoot, T., & Co., Ltd. ....	22	Reliance Rubber Co., Ltd. ....	v
Koray, Ltd. ....	20	Rendell, W. J., Ltd. ....	5
			</

# Years of Customer Satisfaction



## Makes Selling Easy



W. B. CARTWRIGHT, LTD., RAWDON, LEEDS



*The Standard of Reliability*

# StaffAllens

---

**CHLOROPHYLL**  
**QUASSIN • ARBUTIN • ALOIN**  
**EUCALYPTOL**  
**ROTENONE • ISO-EUGENOL**  
**SCAMMONY RESIN**

---

**SAMPLES  
AND PRICES  
ON  
REQUEST**



**StaffAllens**

**STAFFORD ALLEN & SONS LTD**

**WHARF ROAD, LONDON, N.1 • Phone CLErkenwell 1000 (7 lines)**

*For ACHES and PAINS*

## ANTIPAIN TABLETS



R/Acid. ACETYSALICYL. gr.  $1\frac{7}{8}$   
 PHENACET. gr.  $1\frac{7}{8}$   
 CODEIN. PHOSPH. B.P. gr.  $\frac{1}{12}$

Bottles of 25 **7/9** doz.



## ANTIPAIN POWDERS

A WELL-KNOWN FORMULA

Packets of 8 cartoned

**7/6** doz.



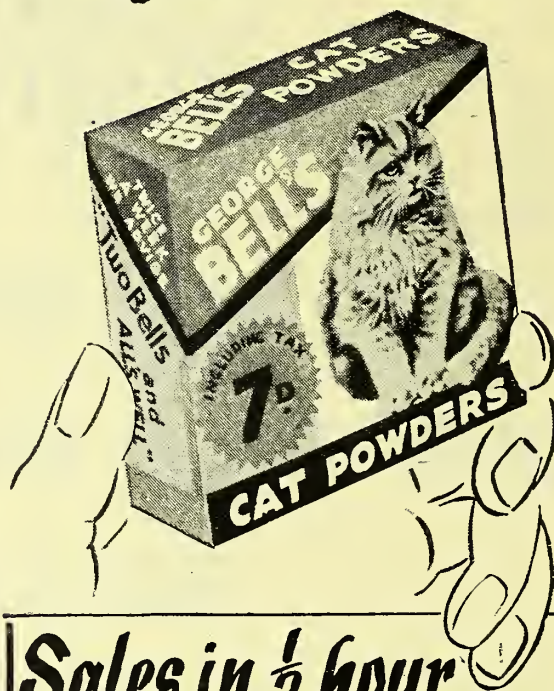
Prices subject to 16 $\frac{2}{3}$ % Purchase Tax  
 and market fluctuations.

# COX

of Brighton

ARTHUR H. COX & CO. LTD. Est. 1839

# Quick!



## Sales in $\frac{1}{2}$ hour

RECENTLY RECEIVED AT OUR OFFICES:

**KENT & SON, M.P.S.**

Walton Road, East Molesey

Please supply 6 dozen packets of your  
 Cat Powders as sample sent to-day—  
 these were put on the counter and  
**SOLD IN HALF-AN-HOUR.**

Yours faithfully,  
 Kent & Son

PUT GEORGE BELL'S CAT POWDERS ON  
 YOUR COUNTER FOR QUICK SALES!

**FREE.** An attractive small counter display  
 with two packets of Bell's Cat  
 Powders has been sent free of cost to every  
 chemist. If you have not received yours, please  
 let us know.

## BELL'S CAT POWDERS

Bell & Sons, Ltd., Veterinary Chemists, Liverpool, 13





\* **FREE!**

## AMAZING WARTIME OFFER

You will want this attractive Black and Green mat—lettered in white—for your shop. Measuring 36" x 20", it will be both decorative and useful for several years. It will link-up with the press advertising planned for "CALVEX" Brand OINTMENT, the latest Calvert product to be given nation-wide distribution.

Calvert representatives (of both sexes!) are covering the country as quickly as possible, giving full details of this generous offer. Many of our salesmen are serving in H.M. Forces, however, and it may be some considerable time before your district is canvassed. We invite you, therefore, to apply direct for your mat. The offer is described in detail in the adjoining panel.

SUPPLIES OF MATS ARE LIMITED—SEND FOR YOURS **NOW!**

\* **HOW TO GET YOUR MAT**

1. Send an order for 3 dozen tins CALVEX. (Retail 1/5).
2. Enclose a P.O. for 3/- to cover Purchase Tax on mat, or authorise us to charge same on your invoice.
3. If no other goods are ordered CALVEX will be invoiced at 11/3 per dozen less 5% and 2½%.
4. If order is made up to £4 or over, 10% and 2½% discount is allowed.

Suggested order for your guidance—

3 dozen CALVEX	33/9
3 " 7½d. Tooth Powder	13/6
1 " 1/3 Tooth Powder	9/-
1 gross Handy Tabs. No. 5	
Soap	25/6
Less Discount and	
Plus Purchase Tax	81/9

Send your order to:—

**F. C. CALVERT & Co. Ltd.**  
**GIBBON STREET**  
**MANCHESTER, 11**

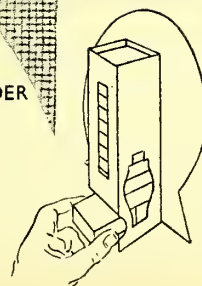
### NATIONAL ADVERTISING Commences June in:—

NEWS OF THE WORLD  
THE PEOPLE  
SUNDAY POST  
EMPIRE NEWS  
JOHN BULL  
TIT-BITS  
HOUSEWIFE, etc., etc.

Most of our customers will be aware that "Calvex" was formerly sold as Calvert's Carbolic Ointment. The new name and pack are more modern, but the ointment itself is unchanged.



QUICK-SERVE  
DISPLAY CONTAINER  
HOLDING 1 doz.  
SENT WITH EACH ORDER



**CALVEX**  
CARBOLIC  
**OINTMENT**

# AS LONG AS WOMEN ARE WOMEN



## Yeast-Pac PRODUCTS WILL BE STEADY SELLERS

The women of Britain have rallied magnificently to this country's war effort. *But they are still women.* The desire to keep their skins fresh and lovely is as strong as ever—stronger indeed: since many have had to accustom themselves to new and trying conditions. That's why YEAST-PAC Products are steady sellers. Here's a sure, safe—above all, an exceedingly *economical*—method of bringing new beauty, new activity to skin and pores. They freshen and revitalise tired complexions. They're the perfect answer to your customer's war-time beauty problems.

**YEAST-PAC BEAUTY MASK**

**YEAST-PAC FOUNDATION CREAM**

**YEAST-PAC BEAUTY SOAP**

**6d. each retail**

**DISTRIBUTORS:**

**J. E. CROSS and Co., 71 Hounds Gate, Nottingham**

**ARTHUR BERTON LTD.**

**"BRITANNIA HOUSE"**

**256/260 Old Street, London, E.C.1**

*have been, for over*

*90 years,*

*specialists in the*

*manufacture of*

## SURGICAL DRESSINGS

Your **BLACK OUT(look)** may be due  
to the exorbitant price you pay for—

## QUININE PESSARIES

Note the cost of our

**VERIBEST '99' Safety First**

(Lifebuoy Registered Brand)

Boxes of 12 11/6 per doz.

" " 6 6/- " "

" " 3 3/- " "

No better formula even at double the price.  
Special offer—13 to the dozen on new orders.

**VERIBEST '99' Female Capsules**

Tins containing 36 13/6 per doz.

" " 18 6/9 " "

**Dr. BROTON'S Female Capsules**

Tins containing 36 13/6 per doz.

Sole Proprietors "BIRLOIDS" Anti-Conceptive Lightning Brand  
FOAM TABLETS in Cartons (Glass Tubes) containing 12  
14/6 per doz. cartons.

Specialists in Transparent Condoms: Prompt deliveries.

Your usual wholesaler can supply or you can obtain direct from—

**BEATALL NOVELTY CO.**

Phone 265 Merthyr Tydfil

MERTHYR TYDFIL, GLAM.

Grams: BEATALL MERTHYR TYDFIL



# WANT RAZOR BLADES? *GET MULTISHAVES!*

## The Solution to the **RAZOR BLADE SHORTAGE**

Thousands of progressive chemists satisfy and please their customers who ask for new razor blades. Their customers are not faced with the possibility of having either to grow whiskers, or humbling themselves by going from shop to shop, almost begging for the means to preserve their self-respect.

Progressive Chemists, who value their customer's confidence, recommend the Multishave Safety Razor Blade Sharpener—the guaranteed sharpener that makes Gillette and other double-edged blades give dozens of extra smooth shaves.

The sharpening agent used in the Multishave is the finest, fastest cutting abrasive known to science. Yet this abrasive grinds so smoothly that any blade can be sharpened many times and still give perfectly smooth, close, comfortable shaves.

★  
**ORDER MULTISHAVE  
OUTFITS FROM  
YOUR WHOLESALE**

or send direct to

**THE MULTISHAVE COMPANY, 14 PARSON ST., LONDON, N.W.4**

Telephone: HENDON 3905

The bluntest blade, even if it has been stropped or rubbed on a tumbler or other glass article until it is beyond hope, can be given an edge equal to new in ten seconds with the Multishave.

There are no glass parts to the Multishave—no fear of breakage or accidents. It is ideal for travellers, particularly men in the forces, and is a thoughtful gift.



Your customers must shave. If you are short of blades, sell Multishaves.

Earn your customer's confidence and appreciation. You make fourpence-halfpenny profit on each Multishave Outfit. Retail price 1s. 6d. including purchase tax. Trade price 10s. per dozen, plus tax. Packed three dozen to a carton, complete with smart showcards.

### **SPECIAL OFFER**

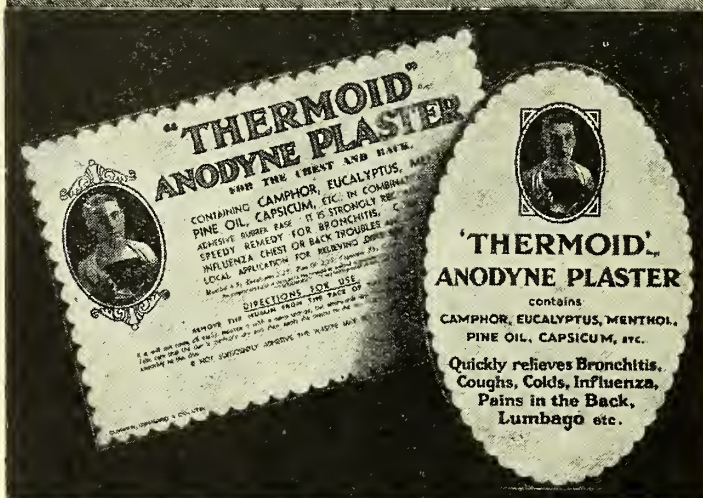
To create a large sale immediately for Multishaves in your district, to your advantage, in consideration of your order for 12 cartons, each 3 dozen Multishave Safety Razor Blade Sharpeners,

### **YOU GET FREE OF CHARGE**

13 weekly advertisements in your local evening or weekly newspaper, mentioning your name only as Multishave stockists. This advertising sells many Multishaves for you, and brings many new customers and extra profits. Be the first in your district to get the 3 months free advertising.



# PROFIT *from this proven remedy!*



THERE IS A STEADY DEMAND FOR

## "THERMOID" ANODYNE PLASTERS

A SOUND REMEDY FOR  
CHEST & BACK TROUBLES

Send for details & Trade terms

**CUXSON, GERRARD & CO, LTD.**  
*Manufacturing Chemists, OLDBURY · BIRMINGHAM*



WHOLESALE & EXPORT ONLY

## HYPODERMIC NEEDLES

OF ALL DESCRIPTIONS

**S. & R. J.  
EVERETT  
& CO., LTD.**

Original makers of  
**STAINLESS STEEL NEEDLES**  
OUR SPECIALITIES INCLUDE THE  
ORIGINAL RECORD FITTING AND N.H.I.  
SPECIFICATION HYPODERMIC NEEDLES.  
Also the Famous 'SUMMIT' hypodermic  
needles now ALL BRITISH MADE.  
Comprehensive catalogue sent on request.  
Telephone: Thornton Heath 3252-3.

939, LONDON ROAD,  
THORNTON HEATH, LONDON, S.W.16

## SELL CORN RELIEF WITHOUT A DOUBT

As In the last Great War, so in this . . . "Hobson's Choice" is the one safe, sure remedy for Corns, Callouses and aching, tired feet! War-time duties bring an increase of such complaints and a consequent greater demand for relief. Make sure you have stocks of

## "HOBSON'S CHOICE" FEET PLAISTERS AND POWDERS

Sole Manufacturers:  
**HOBSON, TRIMBLE & CO., LTD., UNION HOUSE, LEEDS, 2**



Or in an attractive  
Combination Pack retailing at 7d.



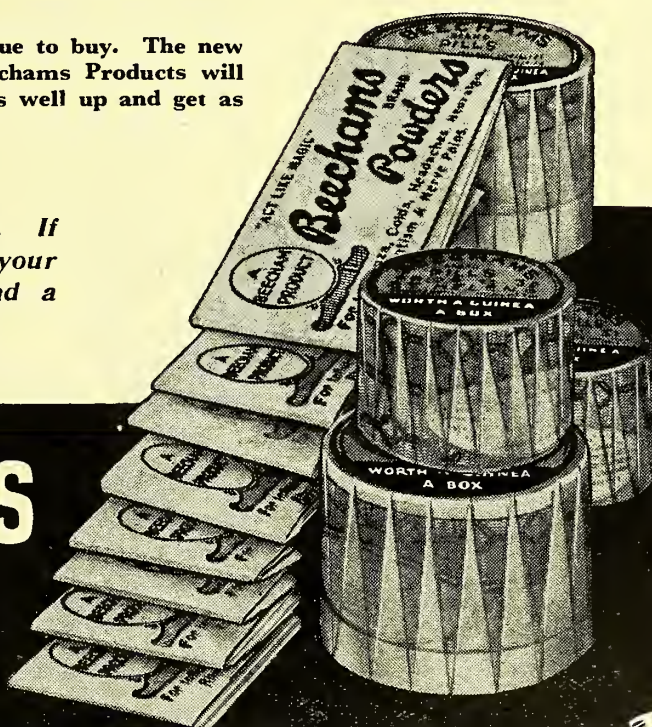
# They bring in the Good Customers!

By their name, by their quality and efficacy, Beechams Pills and Beechams Powders attract good business. Every man and woman in the land knows the name of Beechams, and all who have occasion to take these famous home medicines are glad to acknowledge the justice of the claims which are made for them.

People who buy the first time continue to buy. The new customer who calls on you for Beechams Products will continue to call—so keep your stocks well up and get as much of this good custom as you can.

Show material is still available. If you would like a supply for your window or counter please send a request to St. Helens.

On the  
P.A.T.A. List



## BEECHAMS PILLS LTD.

ST. HELENS

LANCS.



*They're looking for it  
in YOUR SHOP!*



**A TAMPAX display  
sends PROFITS soaring!**

The more you display Tampax the more you sell. Once women know they can get it in your shop you've got an assured regular demand. (Many Tampax customers have evacuated from their home towns and are settling into new areas. That's a special opportunity for the Tampax dealer). Tampax—compact and handy with an attractive pack and a lightning turnover—is the ideal show line: doesn't want much house room: doesn't gather dust on your shelves: makes a good show in your window and on your counter: gives you a useful profit on every sale.



**TRADE TERMS. P.A.T.A. PRICES**

★ PACKETS OF 3	Wholesale 5/3 DOZ.	Retail 7d. PACKET
★ PACKETS OF 6	Wholesale 10/6 DOZ.	Retail 1/2 PACKET
★ PACKETS OF 10	Wholesale 15/9 DOZ.	Retail 1/9 PACKET
★ PACKETS OF 40	Wholesale 54/- DOZ.	Retail 6/- PACKET

Manufactured in England by Tampax Ltd., Belvue Rd., Northolt, Middx.  
Sole Distributors: **SPLENDOR LTD.**, 5 Beestmarket Hill, Nottingham,  
and 7c Lower Belgrave Street, London, S.W.1

# SURGICAL DRESSINGS

Enquiries are invited for any of the following manufactures—

Cotton Wools  
Boric Acid Wool  
Grey Wool  
Gauze and Cotton Tissue  
Absorbent Gauze  
Boric Acid Gauze  
Iodoform Gauze  
Mercury and Zinc Cyanide Gauze  
Picric Gauze  
Ribbon Gauzes  
Absorbent Lint  
Boric Lint  
Picric Lint  
W.O.W. Bandages  
Crepe Bandages  
Domettes  
Flannel  
Muslin  
Triangular Bandages

Fast Edge Bandages  
Standard Dressings  
Merchant Ships Dressings  
Neck Wools  
Bacteriological Wools  
First Aid Dressings



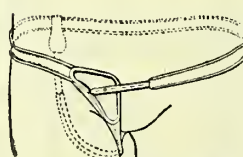
**ROBERT BAILEY & SON, LTD.**  
SURGICAL DRESSING MANUFACTURERS  
DYSART STREET, GREAT MOOR, STOCKPORT.  
TELEPHONE: GREAT MOOR 3006(2 LINES) TELEGRAMS: "UNDISPUTED" STOCKPORT.

## THE SURGICAL APPLIANCE SPECIALISTS



Manufacturers of all kinds of

**TRUSSES, BELTS  
SUSPENSORY  
BANDAGES  
HOSIERY, ETC.**



**The R. H. Heward Co.**

CROWN ROAD WORKS

TWICKENHAM

'Phone: POPESGROVE 2243/4

'Grams: BELTRUSS, TWICKENHAM  
M.C.





**TABLETS &  
PILLS**

**WE ARE WELL EQUIPPED  
TO SUPPLY YOU WITH ALL  
STANDARD LINES FROM  
STOCK — OR CAN MAKE  
YOUR SPECIALITY IN  
SMALL OR LARGE QUANTITIES**

May we send you our List?

The House for  
**TABLETS & PILLS**

We manufacture a complete  
range and supply packed  
or in bulk... Also we make  
to private formulæ.

PROPRIETARY REMEDIES PREPARED & PACKED

**SPECIAL QUOTATIONS**

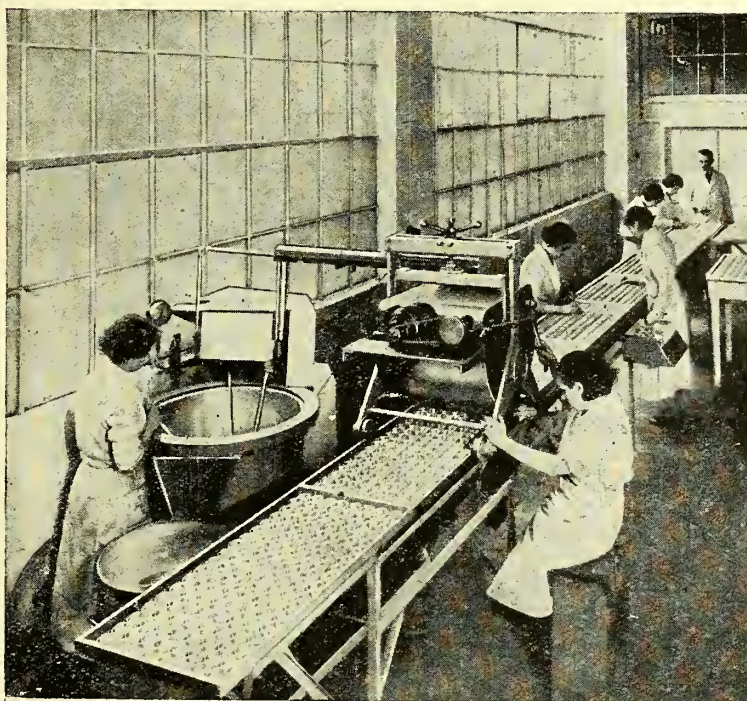
FOR

**WHOLESALE QUANTITIES**

PACKED OR IN BULK

*The* **COOPER** *Laboratory* *Ltd*

THE SPECIALIST HOUSE  
**WATFORD**



**FILLING  
OINTMENTS**  
with an  
**ALBRO  
FILLER**

8 valve type fitted with  
agitator. Output 8,000-  
10,000 tins per hour. There  
is an Albro machine for  
every filling need!

**ALBRO FILLERS AND ENGINEERING CO. LTD.**

Northampton Works, Watson's Road, Wood Green, London, N. 22

Telephone  
BOWES PARK 2217 & 2218

# MEGGESON

## New Prices

NAME	RETAIL	DIRECT	WHOLESALE
		doz.	doz.
Bismuth Dyspepsia Tablets ..	1/6	10/-	11/-
Bismuth Dyspepsia Tablets ..	3/10	26/-	28/-
Meggezones .. .. .	1/6	10/-	10/6
Meggezones .. .. .	2/6	20/-	21/-
Vistic .. .. .	1/3	9/6	9/6
Vistic .. .. .	2/-	15/-	15/-
Sore Throat Lozenges .. ..	1/5	9/6	9/6
Sore Throat Lozenges .. ..	2/6	18/-	18/-
Iodised Throat Lozenges ..	10½	5/9	5/9
Meggoids .. .. .	7d.	4/6	4/6
Meggoids .. .. .	1/1	8/-	8/-
Lemon Barley Water .. ..	2/3	20/-	20/-

**Peppermints** (1-oz. tins), (Direct), 5/- per doz.; (Wholesale), 5/- per doz. **Peppermints** (2-oz. tins), (Direct), 7/3 per doz.; (Wholesale), 7/3 per doz. **Infant Suppositories** (Direct), 7/- per doz.; (Wholesale), 7/- per doz. **Child Suppositories** (Direct), 9/- per doz.; (Wholesale), 9/- per doz. **Adult Suppositories**: (Direct), 10/6 per doz.; (Wholesale), 10/6 per doz.

● We publish our new prices for the benefit of our many friends in pharmacy. Enemy action and transport complications have materially affected our service, however, and we must ask your forbearance in difficulties in filling your orders. It is with regret also that we have to point out that we are unable to meet any further orders for boiled sugars or 3d. pastilles.

**MEGGESONS** are, as always, **Chemist Friends**

**MEGGESON & CO. LTD., LLEWELLYN STREET, LONDON, S.E.16**



## ( Important Announcement )

# NEW

{

lower prices

increased strengths

We are pleased to inform all customers that the following are now available **FREE OF TAX.**†

## ROCHE VITAMINS

'BENERVA' VITAMIN B1	'BENERVA' Vitamin B1 (Aneurin)	RETAIL	COST
<p>There has been a decided trend towards larger doses of Vitamin B<sub>1</sub>, and this concession will facilitate and stimulate Vitamin B<sub>1</sub> therapy. Ensure adequate stocks to meet the increased demand.</p>	† Tablets 1 mg.		
	20's	2/6	20/-
	100's	10/-	80/-
	500's	45/-	360/-
	† * Tablets 3 mg.		
	20's	4/-	32/-
	100's	16/-	128/-
	500's	72/-	576/-
	* Ampoules 5 mg.		
	Boxes of 6	7/6	60/-
<p>Provides a reliable alternative to fresh fruits and vegetables. Each 50 mg. 'Redoxon' tablet is equivalent in Vitamin C to 1½-2 oranges of good quality.</p>	" " 12	14/-	112/-
	" " 50	50/-	400/-
	* Forte Ampoules 25 mgs.		
	Boxes of 3	9/6	76/-
	" " 12	32/6	760/-
	" " 50	120/-	960/-
	<u>*NEW STRENGTHS</u>		
'REDOXON' VITAMIN C	'REDOXON' Vitamin C (Ascorbic Acid)		
	† Tablets		
	50 mg. 20's	2/-	16/-
	100's	6/6	52/-
	500's	30/-	240/-
	● 25 mg. 50's	2/3	18/-
	● 250's	9/-	72/-
	● 500's	17/6	140/-
	† Baby 'Redoxon' 5 mg. Tablets		
	● 50's	1/3	10/-
	● 500's	6/6	52/-
● <u>NEW PACKINGS</u>			

*Please cut this out for reference*

**PURCHASE TAX.** By decision of H.M. Customs and Excise 'Benerva' Vitamin B<sub>1</sub>, 'Redoxon' Vitamin C tablets, 'Nestrovite' tablets and emulsion are *exempt* from Purchase Tax except 'Benerva' and 'Redoxon' Ampoules which are still liable to 16½% Tax.

*Manufacturers:*

**ROCHE PRODUCTS LIMITED.**  
WELWYN GARDEN CITY, HERTS.

**PROFIT**  
**33<sup>10</sup>/<sub>3</sub>%**

# The 'Clinbritic' Vaccine Bottle

Patent No. 492200

MADE IN WOOD'S ALKALI FREE AMBER or WHITE GLASS



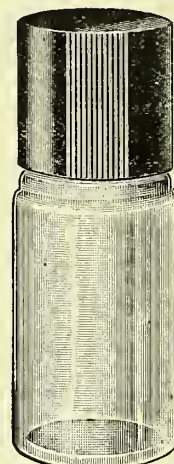
Assembly Details

A new type of Multiple injection "vaccine" bottle which possesses several points of interest and offers a very near approach to the ideal.

No Wiring is necessary, and there is no distortion or bursting of the rubber cap even at pressures up to 50 lbs.

The india rubber vaccine cap, of special design, is protected by a screw bakeite cap, and provision is made for maintaining the sterility of the outside surface of the vaccine cap. No manipulation whatever is required after sterilization.

SAMPLES, PRICES & FULL DETAILS ON REQUEST



Completed

**Britton, Malcolm & Waymark, Ltd.**  
38 Southwark Bridge Road, London, S.E.1

Advertisers have for disposal a quantity of **Toilet Rolls** in 6½ oz. and 8 oz. Also **Pads** approx. 250 sheets. Immediate deliveries from stock.

Write CDB/433, London Office of this Paper.

## THE NATIONAL ASSOCIATION OF OPTICIANS

The next examination will be held at Birmingham on July 29th, 30th, and 31st, 1941, the last date of entry being June 30th, 1941

REVISED SYLLABUS, ETC.

SECRETARY, N.A.O., 130 Princes Road, Liverpool, 8

*A profit maker!*

**MASON'S**  
**GINGER WINE ESSENCE**  
SWEETENED

NOW  
SWEETENED  
TO MEET  
WAR-TIME  
REQUIREMENTS

The season for Ginger Wine is here. See you have a good stock of Mason's sweetened Ginger Wine Essence, which not only makes a delicious drink but is also a cordial digestive and nerve soother. Write for trade terms.

NEWBALL & MASON, LTD. NOTTINGHAM

**MANOIDS**

THE POTENT BRAIN & NERVE TONIC  
FOR MEN

1/3 size - 7/6 doz.  
2/3 - 13/6

THE  
Acton Pill & Tablet Co Ltd  
ASH VALE, SURREY.

FROM ALL SUNDRIES  
HOUSES, OR -

## CLINICAL THERMOMETERS

30-sec. Lens front, long bulb, 14/6 doz.

30-sec. Lens, stubby bulb, 16/- doz.

- Each in cardboard case.
- Maker's certificate with each.
- British made.

Any quantity post paid on receipt of remittance  
WAR ADVANCE PRICES

**THOMAS SWALES**  
ST. STEPHEN'S ROAD, LEEDS, 9

"SWALES FOR SUNDRIES"

## F. SCHUTZE & CO., LTD.

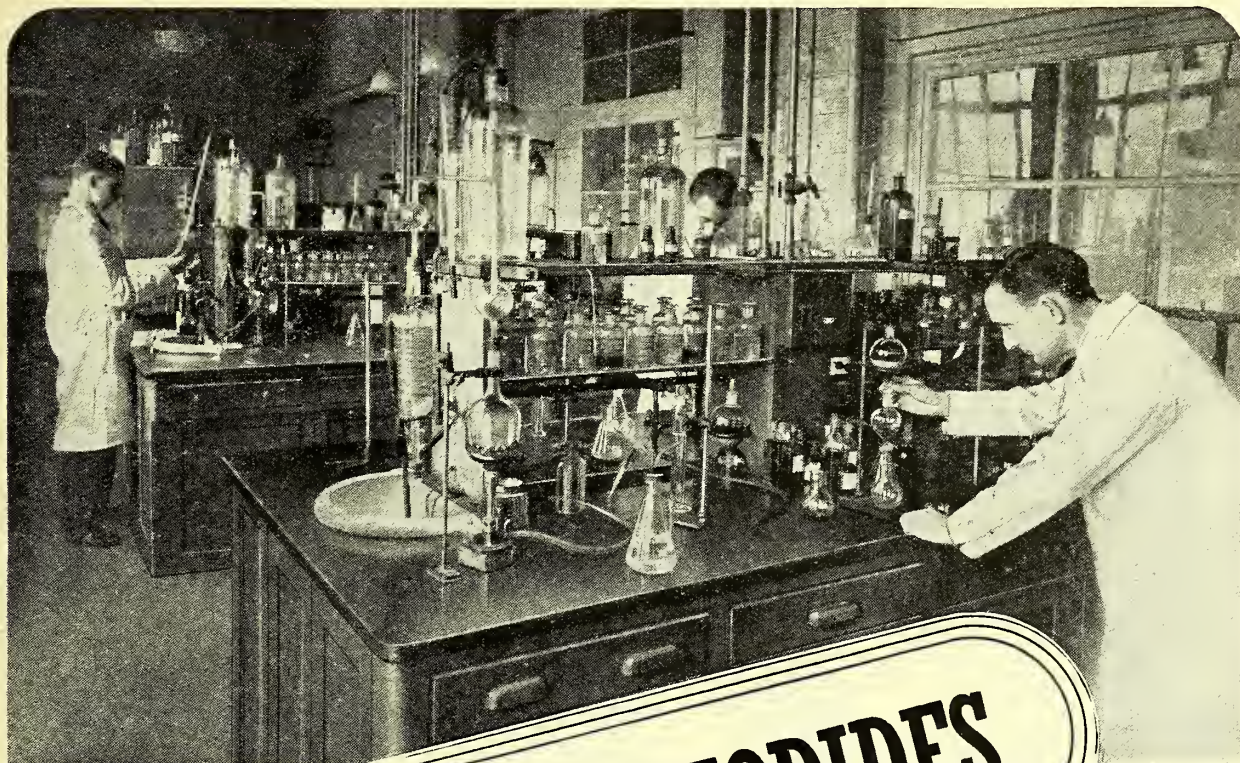
ESTABLISHED 1882

For "MASTER" BRAND SURGICAL TRUSSES  
SUSPENSORY BANDAGES  
JOCK STRAPS, etc., etc.

PERFUMERY BOTTLE WICKERERS in RAFFIA  
or SILK, plain or fancy, wide range of designs.  
Own bottles wickered at moderate cost.

Black Bull Works, Market Road, London, N.7





## IODINE and IODIDES

The days of burning seaweed to produce Kelp for the manufacture of Iodine are passed. The great majority of Iodine is now obtained in a crude form from the Mother Liquor of Chilian Saltpetre. From this crude material Potter & Clarke, Ltd., obtain pure Iodine by the process of sublimation, careful attention being paid to insure that Chlorides and Cyanides are absent or, at the most, are present in very minute quantities well within the prescribed limits of the B.P.

From the pure Iodine, Potassium and Sodium Iodide and Iodoform are produced in very large quantities, the various materials used undergoing stringent analytical tests before use. These products are tested at their various stages of manufacture with the result that the Iodides and Iodoform comply with the standards of the B.P. and are second to none.

# POTTER and CLARKE LTD

Phone-Bishopsgate 4761-7

60-64 ARTILLERY LANE, LONDON, E.1

Grams-Horehound, Phone, London

Phone-Blackfriars 8734

77 DANTZIC ST., MANCHESTER, 4

Grams-Horehound, Manchester



KORAY 2nd QUARTER 1941 ADVERTISING CAMPAIGN

**TWENTY MILLION****Koray**

BRAND TABLETS

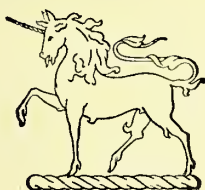
**ADVERTISEMENTS  
EVERY WEEK**

Here are proofs of some of the advertisements featured in the current KORAY Advertising campaign. These advertisements are appearing every week in a long list of national and provincial newspapers, with a total certified circulation in excess of 20,000,000. Among the millions of people who will be seeing these KORAY advertisements regularly are *your* customers. They will want to buy KORAY. Do they know that they can buy it from you? Tell them—with KORAY Displays, in your window, and on your counter. It will pay you.

**YOU WILL PROFIT FROM  
THE 'KORAY' SALES DRIVE**

KORAY LIMITED, GILLESPIE ROAD, LONDON, N.5. AND AT BLACKPOOL





# BURROUGHS WELLCOME & CO.

## *British Made Products*

**B**ECAUSE of their exceptional facilities for research and manufacture, Burroughs Wellcome & Co. have been able to maintain the supply of many important products formerly coming from enemy and other territories from which supplies can no longer be obtained. Each represents the highest commercial standard of purity, precision and reliability.

**AMINOPHYLLINE**, Diuretic and cardiotonic. 'TABLOID' and 'HYPOLOID' Brands.

**BROMETHOL**, Basal narcotic for rectal administration. 'WELLCOME' Brand.

**CARBACHOL**, Parasympathetic stimulant. 'HYPOLOID,' 'TABLOID,' 'WELLCOME' and 'VAPOROLE' Brands.

**DIODONE**, Contrast medium for intravenous or instrumental pyelography. 'HYPOLOID' Brand.

**HEXOBARBITONE**, for light hypnosis. 'TABLOID' Brand.

**HEXOBARBITONE SOLUBLE**, for general anaesthesia. 'HYPOLOID' Brand.

**IODOXYL**, Radiographic contrast medium. 'HYPOLOID' Brand.

**MERSALYL**, Mercurial diuretic for oedema of renal and cardiac origin. 'HYPOLOID' Brand.

**'NICAMIDE'** TRADE MARK Nicotinic Acid Diethylamide. Respiratory and circulatory stimulant. Also 'HYPOLOID' Brand.

**'OXYLAN'** TRADE MARK Anthelmintic for thread worms. 'TABLOID' Brand.

**STIBOPHEN**, Chemo-therapeutic agent against schistosomiasis. 'HYPOLOID' Brand.

**'SUDERMO'** TRADE MARK Dimethylthiantrene. Organic sulphur compound for application to the skin.

**'THEOBA'** TRADE MARK A combination of theobromine and phenobarbitone. Sedative and diuretic. 'TABLOID' Brand.

'TABLOID,' 'WELLCOME,' 'HYPOLOID' and 'VAPOROLE' are trade marks denoting Burroughs Wellcome & Co. Products.

**BURROUGHS WELLCOME & CO., LONDON**





*The modern treatment  
for calcium deficiency*

**CALCIUM-D**  
A KERFOOT PRODUCT  
CALCIUM DEFICIENCY  
PREPARED BY  
THOMAS KERFOOT & CO. LTD.  
Vale of Bardsley, Lancashire

**CALCIUM-D**  
A KERFOOT PRODUCT

**THOMAS KERFOOT & CO. LTD.**  
Vale of Bardsley · · · Lancashire



# "National" Service

WHITE FLINT GLASS CONTAINERS  
OF EXCELLENT QUALITY BACKED UP  
BY FIRST CLASS SERVICE

WHOLESALE ONLY

SEND PARTICULARS OF YOUR REQUIREMENTS TO:—

**NATIONAL GLASS WORKS (YORK) LTD.**

WORKS, Fishergate, York.      Phone York 3021.      LONDON OFFICE, 105 Hatton Garden, E.C.1





# The CHEMIST AND DRUGGIST

For RETAILER — WHOLESALE — MANUFACTURER

28 ESSEX STREET, STRAND, LONDON, W.C.2

Telegrams: "Chemicus, Estrond, London"

Telephone: Central 6565 (10 lines)

Emergency Address: THE PITMAN PRESS, LOWER BRISTOL ROAD, BATH

Telephone: Bath 5492

Branch Offices

MANCHESTER - BIRMINGHAM - GLASGOW - SHEFFIELD - LEEDS - NEW YORK - AUSTRALIA - NEW ZEALAND

## NEWS OF THE WEEK

**Export Trade Increased.**—It is understood that British export figures for the first three months of the year show a progressive rise, and that the total for the quarter compares favourably with the figure for the previous three months. Actual figures are not disclosed.

**Squill Control.**—A Board of Trade Order (S.R. & O. 1941, No. 192) which comes into force on May 14 prohibits the export without licence to all destinations of all preparations of squill. Goods classified "C" in the export control list will require licences for export to Liberia and Portuguese Guinea.

**Greece Now an Enemy Territory.**—The Board of Trade and the Ministry of Economic Warfare announce that Greece, except Crete, is to be regarded as enemy-occupied territory for the purpose of the Trading with the Enemy Act and of the blockade. All goods of Greek, other than Cretan, origin or owned by persons or firms in such Greek territory are liable to seizure.

**Proprietary Association Annual Meeting.**—At the annual meeting of the Proprietary Association of Great Britain, held in London, on April 30, a resolution was passed placing on record the thanks of the Association to the Chancellor of the Exchequer for his decision to repeal the Medicines Stamp Acts. The resolution also expressed the Association's appreciation of the intention of the Minister of Health to introduce legislation, the object of which will be to maintain a fair balance between the interests of the pharmacists and those of other vendors.

**Glass Protection Exhibition.**—The Ministry of Home Security announces that an exhibition illustrating the various methods of protection of glass in houses, factories and shops, glass substitution and ventilation and obscuration in the black-out was opened simultaneously at the following addresses, on May 5: The Building Centre, 158 New Bond Street, London, W.1; the Building Centre, 425 Sauchiehall Street, Glasgow, C.2; the Manchester Municipal School of Art, Cavendish Street, All Saints, Manchester, 15; and the Museum and Art Gallery, Queen's Road, Bristol. Exhibits from more than 150 firms will be shown in London; all have been submitted to the Ministry's Research and Experiments Department.

**Shops Closing Hours.**—At the recent annual meeting of the Early Closing Association, held in London, Mr. H. Owen Roberts (chairman of the Board of Management) said proposals had been submitted to the Board to press for a permanent general 6 p.m. closing, with 7 p.m. on one late night; these proposals were in advance of what the Board had already submitted to the Government, but they would be duly considered with others after fullest investigation and consultation with the accredited bodies concerned. With regard to the proposals for the adoption of a 48-hour week, Mr. Roberts reiterated the view expressed by the Board many years ago that such should be in conformity with and concurrent to the compulsory hours of the premises.

**British Pharmacopœia.**—The General Medical Council has approved names for certain substances which are now being produced, or are likely shortly to be produced, by British manufacturers, in some instances under licences granted by the Comptroller-General of Patents, Designs and Trade Marks. These substances have hitherto been known under other names, which are given below together with the names now approved:—

Approved Name	Other Name	Approved Name	Other Name
Diodone	Perabrodil	Hexazole	Triazole (Azoman)
Diphenan	Butolan	Mesulphen	Mitigal
Dithranol	Cignolin	Pholedrine	Veritol

The question of including these substances in the British Pharmacopœia is under consideration; if any is included, it is intended that the approved name given above will be its official title.

**Glyn-Jones Memorial Fund.**—The Trustees of the fund give notice that in June they will be in a position to consider applications for assistance. The fund was founded in 1927 in memory of the late Sir William Glyn-Jones to assist towards the education and support of "necessitous young persons or orphans connected with pharmacy" or "towards the higher pharmaceutical education of such students as are approved by the trustees." Applicants will be required to disclose to the trustees full details of their financial resources on the understanding that such information is regarded as private and confidential. Grants for college fees will be for the coming session, and evidence must be produced from the Pharmaceutical Society (National Register Department) that applicants are "pharmaceutical students" and as such exempt from military service. Application forms may be obtained from the Secretary to the Trustees, 17 Bloomsbury Square, London, W.C.1. No application for assistance will be considered after May 19.

**Effects of Air Raids on Hospitals.**—The Minister of Health stated on April 30 that he did not want people to think they ran extra risks from bombing when they went to hospitals. The number of casualties in hospitals in proportion to the intensity of the attacks had been very small. For example, in all the hospitals—including institutions—in the Greater London area, the total number of patients killed up to April 17 was 235, and the number injured 195, most of the latter being only slightly injured. There were only 430 casualties in hospitals in the London area over a period of more than seven months. This, the Minister thought, showed that the risk was very much less than one might think after reading of the extent of the damage to hospitals. The number of doctors and nurses killed in all the London hospitals was three doctors and forty nurses. The position was very much the same in the cities and towns of the provinces. The Minister paid a high tribute to the magnificent way in which doctors, nurses and other members of the hospital staffs were doing their duty under trying conditions.

**Allowance for Unused Medicine Stamps.**—The Commissioners of Customs and Excise have issued a notice (No. 120) stating that the medicine stamp duty continues in force until September 1, 1941, inclusive, and dutiable medicines may not be sold unstamped before September 2. In the meantime, however, application may be made for allowance in respect of unused stamps which are no longer required, provided that they have been properly purchased by the applicant not more than two years before the date of the application with the *bona-fide* intention of being used. From September 2, 1941, application may be made for allowance in respect of unused stamps and also in respect of stamps affixed to packages that have not been sold by that date. All such applications must be made within two years of the repeal of the duty. In the case of stamps which have been affixed to packages, the packages bearing the stamps will in due course have to be produced to an Officer of Customs and Excise and the stamps removed in his presence. In the meantime the stamps must not be removed. No objection will be raised to retailers arranging with manufacturers for the exchange after September 1, 1941, of stamped goods for unstamped, the applications for allowance then being made by the manufacturers. Applications should be made by post prepaid to the Secretaries' Office, Section 11, H.M. Customs and Excise, City Gate House, Finsbury Square, London, E.C.2, and should state the denomination of the stamps and in the case of stamps which have already been affixed the character and approximate number of packages involved. The licence duty authorising the sale of stamped medicines remains in force until September 1, 1941, the end of the current licence year. Vendors of dutiable medicines starting business between now and that date will accordingly be required to take out the necessary licence.



**Inquest.**—A verdict of "accidental death" was returned at an inquest, recently, on Gordon Hassall, eighteen months, 4 Platt Street, Hednesford, who died as a result of eating some ferrous sulphate tablets which had been prescribed for his mother.

**Pharmacy Act Prosecution.**—At North London Police Court on April 29, Albert E. Eshmade, 58 Allan Road, Stoke Newington, was summoned for selling a poison contained in a proprietary preparation in a container not labelled in the prescribed manner. He was also summoned for selling a poison by retail while not being an authorised seller of poisons. A fine of 20s. was imposed on each summons.

**Manchester Golf.**—The Manchester Pharmaceutical Golfing Society opened its season at Didsbury Golf Club on April 30 with a competition against bogey for a prize presented by Mr. R. Hough (Hough, Hoseason & Co., Ltd.). The leading returns were: Professor A. D. Macdonald, 3 down, first prize; C. L. Compston and V. Cromack tied for second prize, which was won by C. L. Compston after a replay over nine holes. A modified fixture list for the season is being drawn up by the captain (Mr. C. Stevens) and secretary (Mr. W. E. Phillipson) to be held on courses near the city.

## IRELAND

**Examination Results.**—The following candidates were successful in the recent Licence examination of the Pharmaceutical Society of Ireland: M. J. Butler, Silvester Downing, Sheila P. Farragher, Agnes C. Flannery, J. J. Hodgers, P. J. McConnell, Margaret R. Maguire, Bernard Reilly, R. J. Sinnott, Jeremiah Slattery, Timothy Slattery, Matilda M. Walsh. Assistant: Michael McCarthy. The following passed in the Assistants' examination: Matthew Birmingham, Margaret M. Buckley, T. C. Donnelly, Anthony Fitzgerald, C. J. Gilheaney, W. J. Gill, T. J. Grace, Hannah G. McCarthy, J. L. McNamara, D. N. Mulvey, C. S. O'Connor, T. P. Walker.

**Irish Chemists' Golfing Society.**—The first outing of the Society this season was held at the Hermitage Golf Links, Lucan, co. Dublin, on April 20. In the morning there was an 18-hole strokes competition for two prizes presented by P. C. Cahill & Co., Ltd., Dublin. The first prize, an electric table-lamp, went to Mr. Joseph Smyth, Dublin (16) for a score of 72; Mr. Denis Gillen, Dalkey (18) won the second prize, a rug, with 73. The afternoon was devoted to an 18-hole bogey competition for trophies presented by Aspro, Ltd. The first, a silver coffee-



service, was won by Mr. Phillip McAuliffe, Sandymount (20), with 1 up; the second, a set of carvers, went to Mr. John Draffin, Dublin (20), all square. Dinner at the club-house was followed by a meeting of the Society, presided over by Mr. Michael Costello (captain), at which Mr. A. F. Roche (a former secretary) was made the recipient of a radio set from fellow members. Mr. Fahey (secretary) said it would be helpful if members intending to travel to Baltray for the outing on May 25, 26 and 27 would notify him as early as possible. A bus at Drogheda would meet the train that left Dublin at 10 a.m. It had been found necessary to re-fix the July 20 outing for a local club. Mr. W. R. Such (Evans Sons Lescher & Webb (Ireland), Ltd.) said he was authorised by the president of the Lucan Golf Club to extend an invitation to play at Lucan, and on the motion of Mr. J. J. Roche, Dublin, seconded by Mr. J. Gubbins, Bray, it was agreed to play off at Lucan Golf Club the competitions fixed for May 20. Mr. P. C. Cahill said he noticed that the Pharmaceutical Society of Northern Ireland had established a special fund to help chemist victims of the recent air raid in Belfast, and he thought it would be appropriate if they sent a subscription. The meeting unanimously endorsed the proposal and a collection taken at the meeting realised a substantial sum. Messrs. Cahill and C. W. Chesson presented prizes to winners of the day's competitions. The captain then made the presentation to Mr. Tony (A.F.) Roche. Mr. Cahill, supporting, said the fact that the Society was in a strong position today was due to the work of Tony Roche and foundation members. Tributes to Mr. Roche were also paid by Messrs. R. Bates

(treasurer), D. Gillen and Frank Roche, as junior members. Mr. Roche suitably replied.

**Employment Award.**—The National Arbitration Tribunal (Northern Ireland) has ruled that the terms and conditions of employment set out in an agreement dated January 15, 1941, between Thos. McMullan & Co., Ltd., wholesale chemists, Belfast, and the National Union of Distributive and Allied Workers, shall also be applicable to all male workers in the employment of Shaw & Jamison, Ltd., and Fred Storey, Ltd., except registered apprentices and apprentices employed under apprenticeship agreement. The award is to have effect as from the beginning of the first full pay period following the date of the award, April 25.

**Irish Drug Association.**—Mr. P. F. McGrath (president) was in the chair at a committee meeting of the Irish Drug Association held on April 21, following a meeting of the prices and approved lists committee at which discussion took place on a number of products not now readily procurable. Because non-chemists had advanced their prices for such items the committee decided to bring their own prices to the advanced level. At the general committee meeting the president extended a welcome to Mr. Daniel J. Bridgeman on his first attendance at a committee meeting, and Mr. Bridgeman acknowledged the president's remarks. During recent weeks meetings of local associations affiliated to the Irish Drug Association have been held in Cork, Waterford, and Limerick.

**St. Joseph's Young Priests' Society.**—There was a large attendance at a meeting of the Cork Section of the St. Joseph's Young Priests' Society (Pharmacy Branch) on April 23. Mr. Richard Daly, M.P.S.I., occupied the chair, and among those present were Mr. F. X. Meagher (president of the Branch), Mr. P. C. Cahill (president of the Pharmaceutical Society of Ireland), and Mr. G. C. O'Neill. Mr. Cahill in his address stressed the fact that the success of the Pharmacy Branch was very largely due to the hard work and enthusiasm of the promoters and collectors. The Cork Section was so flourishing that membership had almost reached saturation point. Mr. F. X. Meagher also congratulated the Cork Section on its fine membership and mentioned that the Pharmacy Branch of the Society had now five students studying for the priesthood. The meeting was also addressed by the Rt. Rev. Monsignor Sexton, P.P., V.G., D.D., Dean of Cork, the Very Rev. Fr. Harrington, Provincial, African Missions Society, and the Rev. Fr. Fintan, O.F.M.Cap. On the motion of Mr. P. J. Fielding, M.C.P.S.I., Cork, seconded by Mr. D. J. O'Hanlon, chairman of the Cork Chemists' Association, a cordial vote of thanks to the speakers was passed with acclamation.

## SCOTLAND

**Glasgow Anxiety about Small Traders.**—Colonel C. J. Hirst (Glasgow Chamber of Commerce) in a presidential review on April 28, said the concentration of industry was no doubt essential in war-time, but the White Paper gave the small man no guarantee that he would have a fair chance after the war to restart his business on at least equal terms with his competitors.

**Changes of Representatives.**—Mr. Andrew Shaw, Eastern Scotland representative for Ayrtoun, Saunders & Co., Ltd., has joined the Army, and has been succeeded on this territory by Mr. McNiven, who had retired in January 1940, at which time he was head of the selling department.—John Baird & Sons, Herald Optical Works, Glasgow, have been compelled, owing to labour difficulties and shortage of supplies, to withdraw their traveller, Mr. Spence, to make use of his services inside the business.

**North British Executive.**—A meeting of the Executive of the North British Branch of the Pharmaceutical Society was held in Edinburgh on April 23, Mr. W. F. Hay in the chair. The Resident Secretary said he had just learned of the death of Mrs. Jack, and the chairman proposed that the sympathy of the Executive should be conveyed to Mr. Jack in his loss. The chairman also paid tribute to two other older members who had passed away: Mr. D. B. Dott and Mr. J. P. Gilmour. Mr. GUTHRIE associated himself with the tributes. The report of the general purposes committee was then submitted. The Chairman reported on the success of the Society's Centenary Celebrations; as chairman of the Executive, he had acceded to a request to propose the toast, "The Pharmaceutical Council." Mr. Hay also referred to the meetings of the British Pharmaceutical Conference and of the Branch Representatives. The Resident Secretary reported on results of the recent examinations, noting that, though the number of entrants was decreasing, the percentage pass remained much the same. In view of the possibility that the Council election would this year be cancelled because of war conditions, there was discussion as to whether the election of the Executive should take place, and it was agreed that the Executive should follow the lead of the Council. The annual meeting of the Executive was announced for June 25.



## WAR DAMAGE ACT

**Method of Claiming.**—The War Damage Commission has now issued an explanatory pamphlet (Form C.1.A) on claims made under the War Damage Act, 1941 (Part I). The pamphlet has been specially written for the use of persons who own, or have an interest in, land, buildings and other such properties which have suffered war damage. It does not deal with the payment of contributions under the War Damage Act, 1941, or with damage to goods used for the purpose of carrying on a business or to private chattels. The pamphlet is intended to assist those who have suffered war damage to take the appropriate steps to obtain the benefits to which they are entitled under the Act. All forms and correspondence relating to claims should be addressed to the appropriate regional office, the address of which may be obtained from the list of such offices printed on page 8 of the pamphlet. The pamphlet contains full information on such subjects as description of war damage, forms of payment, sale of damaged property, special classes of property, how to make a claim, and instruction on how to complete Form C.1 (notification of damage), particulars of damaged property, extent of damage, advance payments and many more details for the information of claimants. **Form C.1.**—This form, which replaces Form V.O.W.1, is to be used only for notifying damage to land, buildings and certain fixed plant and machinery. No reference should be made on the form to goods and machinery or furniture and personal chattels insurable under the War Damage Act, 1941. The form must be completed and delivered within thirty days of the date of damage to the appropriate regional office. **Form C.2.**—This is a form of claim for temporary works payments and cost of works payments sent in response to Form C.1. **Form C.2/V.**—This is a similar form to C.2, sent in response to V.O.W.1, but with rather more questions, rendered necessary by the fact that V.O.W.1 did not provide all the information now needed since the passage of the Act. **Form C.3.**—This is sent in response to C.1, where the building has suffered total loss. **Form C.3/V.**—This is a similar form sent in response to V.O.W.1. Special forms and pamphlets have been prepared for Scotland to bring them into accord with Scottish legal practice.

**Cost of Repairs.**—In response to inquiries as to what is the estimated approximate cost, at present-day prices, of reinstating damaged property in the form in which it was immediately before the damage, the War Damage Commission has made it clear that the phrase "estimated approximate cost" does not mean an approximate estimate as a surveyor or architect would understand it, but merely an indication such as would enable the Commission to form a preliminary opinion as to the extent of the damage. The Commission will pay the proper cost of making good the war damage after the repairs have been done, although this may differ from the estimate given. The Commission, however, needs to know for administrative purposes approximately the cost of the work still to be done, and anticipates that when temporary repairs are done, any professional man, or builder who does the work, will be able and willing to give the claimant, without special examination or additional expense, a round-figure sum. It will, of course, be remembered that the Commission is empowered to pay for the necessary employment of professional assistance in connexion with cost of works, and professional institutions are in touch with the Commission with a view to advising on the meaning of the word "necessary." The Board of Trade has issued an explanatory memorandum (B.S.4) on the new war-damage insurance claims under Part II of the War Damage Act, 1941. The memorandum covers the business scheme, special schemes for farmers and the private chattels scheme.

**Days of Grace on Policies.**—The Board of Trade reminds those traders and business men affected by the business insurance scheme (which covers plant, machinery, office furniture, and business equipment) that the days of grace allowed for taking out policies of insurance end on May 16. Persons who do not insure by that date will be covered only from the date on which their application with premium is received. Unless they have insured they will not be entitled to compensation for war damage to property insurable under the scheme. Full information and application forms for insurance can be obtained from a fire insurance company or Lloyd's broker or others carrying on insurance agencies.

## TOPICAL REFLECTIONS

**Extravagant Prescribing.**—One is startled to read in your correspondence section (p. 282): "Some doctors are still prescribing several ounces of rectified spirit in hair preparations and other 'tonics.'" We are accustomed to regard medical practitioners as a rather unbusinesslike community; yet it is permissible to doubt whether a general practitioner doing his own dispensing would send out a lotion of this character. My memory goes back to days when rectified spirit cost the retailer less than £1 a gallon: the price is now about ten times as much. As "Economist" suggests, prescribers might be tactfully approached on this subject. They might suggest in mitigation of their lavishness that most books of reference give no indication of satisfactory substitutes for 90-per-cent. alcohol in liniments, lotions and analogous preparations. However, it is time that for the duration of the war such spirituous applications went the way of gilded musk pills and other luxuries. If an alternative to industrial spirit as an ingredient in dispensing is desired, isopropyl alcohol may be suggested.

**Parliament and Proprietary Medicines.**—The article by "Adest" (p. 278) throws more light on the intricacies of the sale of proprietary medicines than did the memorandum and the rather sketchy draft Bill printed in your issue of April 12. The right of qualified people to have a term put to the recognition as equals, in this matter, of persons who have "served a regular apprenticeship" is incontestable, and I trust that this right will be pressed at the proper time. If in the vicissitudes of parliamentary warfare the right cannot prevail in the form indicated in the article, the representatives of pharmacy can demand a provision on the lines of Section 10 (4) of the Pharmacy and Poisons Act, 1933, where limited periods for carrying on business are prescribed following the death, bankruptcy or becoming of unsound mind of a pharmacist. Drug stores whose proprietors had died, been adjudged bankrupt or become of unsound mind could similarly be continued on their original footing for such periods as the controlling authority permitted. Much might be written on the necessity of clear definitions in a new Proprietary Medicines Act and its Schedule or Schedules. The case of snuffs will suffice in illustration. Formulas for medicinal snuffs receive, for an obvious reason, the attention of the Board of Customs and Excise; and it is not to be expected that the Board will relax its vigilance in any circumstances.

**A Prospective Shortage.**—Your editorial article headed "Manpower in Pharmacy" (p. 277) brings home to all concerned the stark reality of the situation that will arise if the altered Schedule of Reserved Occupations is not administered with discretion. On

another page of the same issue we read that the industrial concentration now in progress is not expected to result in an extensive closing of shops: it may therefore happen that, in round numbers, only 12,400 registered pharmacies will be available for carrying on 15,000 pharmacies. If from this total number of shops a deduction is made in respect of a few closed, it is still obvious that the Ministry of Health will need to take into consideration the demands of the pharmaceutical service for nationally insured persons; they are by statute entitled to dispensing carried out by or under the supervision of registered pharmacists, and it is hardly conceivable that this important provision will be flouted for the sake of adding so small a number of men to the Forces. It may be further suggested that a bare minimum of qualified people equalling the number of shops to be kept going will not suffice. There should be a reserve sufficient to allow for wastage by death, illness, accident and enemy action. You have clearly pointed out the absurdity of ordering (if that is the intention) as many as 4,000 to take up combatant duties in which their qualification will be of no account.

**Animated Correspondence.**—Several of the chemists of 1868 and the immediately preceding years were hard-hitters, as your correspondence columns testify. These letters being topical at the moment, I transcribe a few sentences. "Will you sink the ship to catch a sprat?" "... in order that when the New Zealander [evidently Macaulay's] arrives in London, there may be a competent pharmacist to prepare the medicine required to compose his stomach after his long sea-voyage." "Should 'Chemicus' ever come to Edinburgh, I can direct him to a *pharmaceutical chemist's* shop, within easy walking distance from the city, where he (if he has any children) may purchase a penny doll, or, if religiously inclined, a prayer-book, and, if a sporting man, the latest news of the fight." "With what feelings did the representatives of the two Societies at the Bath [British Pharmaceutical] Conference view each other after the second bottle?" "It is a great pity that such a flow of milk could not have been given without kicking over the pail." "... nor have I forgotten that from the throne of provincial pharmacy, thunder has been heard; it has rolled over the defenceless heads of two trembling pharmacists, both of whom are still alive, and are expected to recover." The last sentence, from a letter by Mr. Joseph Ince, is too cryptic for my elucidation: perhaps one of your readers can help. A few letters extended to more than two columns; and your report of the proceedings at Bloomsbury Square on February 19, 1867, occupied over six pages.

**Xrayser**



## PARLIAMENTARY NEWS

**Chartered Bodies Act.**—In the House of Commons, on April 30, the Speaker reported the Royal Assent to the Chartered and Other Bodies (Temporary Provisions) Act, 1941.

**Sugar Confectionery Distribution.**—Mr. Denville asked the Parliamentary Secretary to the Ministry of Food, on April 30, whether he was aware that the supply of barley sugar, toffee and other nourishing sweets had been so reduced that in many cases supplies were practically unobtainable, and were estimated for April and May at 40 per cent. of pre-war, out of which military and industrial canteens had first to be supplied; and whether he would undertake to increase supplies and ensure fairer distribution? Major Lloyd George replied that the Minister was alive to the necessity for maintaining the supply of sweets at the highest possible level, but this was chiefly dependent on the amount of sugar that could be allocated for the manufacture of such goods. It was at present impossible to increase the amount of sugar allocated.

**Co-operative Societies' Drug Sales.**—Sir F. Fremantle asked the Home Secretary, on May 1, whether his attention had been called to the decision of the Pharmaceutical Society to institute proceedings under the Pharmacy and Poisons Act, 1933, against a co-operative society for selling at one of its grocery branches drugs commonly sold by grocers; whether such action was a departure from an arrangement observed between the Pharmaceutical Society and the Parliamentary Committee of Co-operative Congress since 1934; and whether he proposed to take any action in the matter?

Mr. H. Morrison: I am aware of the circumstances to which my hon. Friend refers. I am advised that a decision of the High Court makes it clear that a multiple shop company which sells poisons known as "Part I poisons" in one of its shops cannot sell any drugs whatever in any of its other shops, even as a subsidiary part of a grocery business carried on therein, unless the sale of the drugs is under the personal control of a registered pharmacist. I have been in communication with the Pharmaceutical Society, who are charged with the enforcement of the provisions in question, and I understand that they feel unable, in view of this High Court decision, to adhere to the arrangement made in 1934. The strict application of the Act of 1933 to such cases would, in view of the Government, impose an unreasonable restriction on departments, other than pharmaceutical departments, of co-operative societies and other multiple shop companies, and a Bill will be introduced at an early date to amend the Act.

Sir F. Fremantle: Will such a Bill take great care not to interfere with the promised control of patent medicines?

Mr. Morrison: I will take that point into account in drafting the Bill. [Editorial comment p. 289.]

## COMPANY NEWS

### P.C. means Private Company and R.O. Registered Office

**C. E. WILLCOX (STONEHOUSE), LTD. (P.C.).**—Capital, £2,000. Objects: To acquire businesses carried on by C. E. Willcox at The Pharmacy, Stonehouse, and at Cairncross, Glos. Cecil E. Willcox, M.P.S., and Mrs. Beatrice L. Willcox, Laburnum Walk, Stonehouse, Glos, directors.

**DAVID DICKSON (DROYLSDEN), LTD. (P.C.).**—Capital, £1,000. Objects: To carry on business as manufacturing, pharmaceutical, photographic and dispensing chemists, etc. Lilian S. Dickson, 69 Manley Road, Whalley Range, Manchester, and Lilian S. Lewis (address not stated), directors.

**H. ARNOLD TRAVIS (CHEMIST), LTD. (P.C.).**—Capital, £1,000. Objects: To acquire the business of a pharmaceutical chemist formerly carried on by the late H. Arnold Travis. Dorothy Travis, Wilmslow Road, Didsbury, Lancs, and Robert A. Johnston, M.P.S., 100 Broad Oak Lane, East Didsbury, directors. R.O.: 99 Wilmslow Road, Didsbury.

**P. H. GALLOWAY, LTD.**—An ordinary dividend for 1940 of 10 per cent. has been passed.

**A. & F. PEARS, LTD.**—Profit for 1940 amounted to £85,174 (£79,109). Dividend on ordinary shares is 10 per cent. (as last year); carried forward, £21,436 (£21,662 last year).

**VOLUNTARY WINDING-UP.**—At a general meeting of the company held on April 17, it was resolved that the Colloid Rubber Co., Ltd., should be voluntarily wound up; Mr. G. R. Blouet, 7-8 Little Turnstile, London, W.C.1, was appointed liquidator.

**Private Arrangement.**—C. S. LLEWELLYN, trading as LLEWELLYN'S DRUG STORES, 185B Langney Road, Eastbourne. A meeting of creditors was held recently at Brighton. Statement of affairs disclosed ranking liabilities of £387, with fully-secured creditors for £607 10s. Assets comprised stock and fittings, £50, and surplus from fully-secured creditors, £367 10s. After allowing for preferential claims the net assets were £367 10s., or a deficiency of £20. It was resolved that the assets should be realised and the proceeds distributed *pro rata* among the creditors.

**Voluntary Liquidation.**—H. S. APLIN, LTD., chemists, 50 Barking Road, London, E. A meeting of creditors was held recently in London. The company was incorporated in January 1930, with a nominal capital of £1,000, to take over an existing business. At the outset, trading was fairly successful, but since the outbreak of war the turnover had declined. The company's premises had been damaged by enemy action and it was now impossible to continue trading. Liabilities amounted to £390. After allowing £8 10s. for preferential claims there were net assets of £221, or a deficiency, as regarded the creditors, of £168. The principal asset was stock-in-trade of £200. It was resolved that the voluntary liquidation of the company should be continued, with Mr. E. D. Davies as liquidator.

## TRADE-MARK APPLICATIONS

The figures in parentheses refer to the classes in which the marks are grouped. A list of classes and particulars as to registration are given in "The Chemist and Druggist Directory and Year-Book," 1940, p. 275.

(From "The Trade Marks Journal," April 9, 1941)

"Co-De-Co"; for artificial dentures fixative (3) (IV). By T. Christy Co., Ltd., 4/12 Old Swan Lane, London, E.C.4. 614,173.

"POLYDIN"; for all goods (5) (IV). By Glaxo Laboratories, Ltd. Greenford, Middlesex. 613,520.

"KEMOFORM"; for disinfectants (5) (IV). By The Kemo Co., Ltd. Lanarkshire Industrial Estate, Strutherhill, Larkhall, Scotland 613,649. (Associated.)

"NARTHAN"; for glandular extracts (5) (IV). By Benger's Food, Ltd. Holmes Chapel, Cheshire. 613,876.

Device of Chinese Pagoda; for india-rubber articles (17) (IV). By Fun Keong Rubber Manufactory (Malaya), Ltd., 84 Kapar Road, Klang, Selangor, Federated Malay States. 613,739.

Picture of SEYMOUR HOUSE; for all goods (29) (30); for foodstuffs for animals and malt; for preparations for making beverages (31) (32) all being Schedule IV. Words "Seymour House" disclaimed.

L. Garvin & Co., Ltd., Twickenham Road, Isleworth, Middlesex. 613,537/8/940. (All Associated.)

### CONVERSION OF SPECIFICATIONS

Section 36 (3) and Rules 6 to 8

To Schedule IV (with amalgamation): Specification No. 225,559 b T. Hedley & Co., Ltd.

(From "The Trade Marks Journal," April 16, 1941)

"VULCAZOTE"; for chemical nitrogenous substances for use in manufacture of rubber (1) (IV). By I.C.I. (Dyestuffs), Ltd., Wexham Road, Slough, Bucks. 613,389.

"NECTACON"; for industrial chemicals (1) (IV). By Imperial Chemical Industries, Ltd., Wexham Road, Slough, Bucks. 613,973.

"LIGHTS OF LONDON"; for perfumes, cosmetics, toilet preparations, etc. (3) (IV). By Cussons, Sons & Co., Ltd., Kersal Vale Works, Moss Lane, Kersal, Manchester. 613,971.

## B.A.C. LONDON SECTION

THERE was a large attendance at the annual general meeting of the London Section of the British Association of Chemists, which was held at the Café Royal, London, on Saturday, May 3. The report for the year showed a membership of 1,111, which represents an increase of ninety-five during the year. The committee expressed regret that, owing to circumstances beyond their control, the activities of the Section during the past year had been somewhat curtailed, and that much contemplated at the beginning of the year had had to be abandoned. Apart from the holding of meetings, however, the committee had been very active and many subjects had been closely debated and resolutions put forward to the Council. It was also stated that during the year definite steps had been taken which it was hoped would result in closer co-operation between the various chemical societies, but, as the matter was still *sub judice*, it was impossible to give further details. Two Groups were in course of formation in the Section, one in the Bristol area and one at Tonbridge. Some dissatisfaction was expressed that the committee had not arranged to hold meetings during the year to discuss the many problems affecting chemists arising out of war conditions.

The retiring chairman (Mr. Linfoot) welcomed the president of the Association (Prof. F. G. Donnan, F.R.S.) whom he thanked for his close and constant attention to the affairs of the Association. At the same time he spoke with satisfaction of the fact that Dr. A. E. Dunstan was the president-elect of the Association—a man who he said would bring a new viewpoint to the work of the Association and one whose activity would be invaluable. The chairman paid tribute to the work of Mr. J. P. Harrison, who had not only initiated the Unemployment Scheme of the Association but had acted as chairman of the committee since its inception some twenty years ago. Miss Wright succeeds Mr. Harrison as chairman of the unemployment special purposes committee.

Mr. Price, in making a presentation of a silver tea-set to Mr. Harrison, as a slight recognition of his work for the unemployment scheme, recalled how, at the time it was first suggested, the idea was received somewhat dubiously. Now, however, the scheme was in successful operation and there were large funds available. Mr. Harrison, who was given an enthusiastic reception, expressed his appreciation of the gift and spoke of some of the difficulties which had been encountered and how they had been overcome. He thanked all those who had helped the work forward in face of the fact that the Council of the Association was at first rather chary of the idea, and added that he himself could only claim a small share of the credit for what had been accomplished.

The following officers were elected: *Chairman*, Mr. W. C. Peck. *Committee*: Messrs. F. S. Baxter, G. H. Clarke, K. Mackenzie Richards. *Secretaries*: Miss W. Wright, Mr. W. Littlejohn. *Treasurer*: Mr. H. Langwell.



## MARRIAGES

RUSSELL-HOGARTH.—At Ardrossan, Ayrshire, on April 18, David H. Russell, M.P.S., Rhu Ellen, Ardrossan Road, Seamill, West Kilbride, to Mary Hogarth, Saltcoats.

## DEATHS

DUNN.—On May 2, Mr. William Robinson Dunn, M.P.S., Bridge Street, akewell, Derbyshire, formerly of Wolverhampton, aged sixty-three.

FISHER.—Recently, Mr. Percy Fisher, M.P.S., 77 Royal Hospital Road, Chelsea, London, S.W.3, aged sixty-two.

McALLISTER.—Recently, Miss Mary Catherine Malcolm McAllister, M.P.S., Dumbarton. Miss McAllister qualified in 1918.

McDONALD.—At Romsey, Hampshire, on April 17, Mr. Ranald McDonald, M.P.S., aged thirty-seven.

MORGAN.—Suddenly, on May 4, Mr. Ernest Charles Morgan, Oxshott, Surrey, a director and head of the advertising department of Yardley & Co., Ltd., manufacturing perfumers, London. Mr. Morgan, in his capacity as director of the company, was very largely responsible for the success of the advertising campaigns for the Yardley products in the home market and all parts of the world. Until recently he made an annual visit to United States of America in connexion with Messrs. Yardley's advertising there. Mr. Morgan had a wide circle of friends and acquaintances, and those who came in contact with him in connexion with his business life quickly came to recognise his fine qualities.



Mr. E. C. MORGAN

PEARSON.—Recently, Mr. George Ernest Pearson, Ph.C., 48 Monmouth Street, London, W.C.2. Mr. Pearson passed the Minor examination in 1896 and the Major in the following year.

RUSSELL.—On April 28, Mr. James Russell, for the past thirty years a member of the staff of Thomas McMullan & Co., Ltd., manufacturing chemists, Belfast.

WALKER.—At 21 The Square, Ellon, Aberdeenshire, on April 23, Mr. James Alexander Marr Walker, M.P.S., elder son of Mr. James Walker, I.P.S., Ellon, aged twenty-seven.

## C. &amp; D. DISPENSING PRICE LIST

CHANGES in prices during April were mostly confined to drugs not easily obtainable. At the same time a small addition had to be made to the index cost of drugs, which becomes 123.1, against 122.9 in March and 119.1 in April 1940.

Cost		Purchase tax, where chargeable, is included in dispensing price	Dispensing Price			
			lb.	4 oz.	1 oz.	1 dr.
d.	per		s. d.	s. d.	s. d.	s. d.
18	oz.	Acid. salicylsulphonic. . . . .	—	—	2 8	0 5
44	oz.	Amidopyrimine . . . . . R only	—	—	6 9	1 2
45	oz.	Barbitonum . . . . . R only	—	—	6 10	1 2
45	oz.	Barbitonum solubile . . . . . R only	—	—	6 10	1 2
8	oz.	Belladonna pulverata . . . . . S.I (5)	—	—	1 3	0 3
90	oz.	Caffeina . . . . .	—	—	14 2	2 0
42	oz.	Caffeina citras . . . . .	—	—	7 5	1 1
47	oz.	Cinchophenium . . . . . R only	—	—	7 7	1 1
90	lb.	Copaiba opt. . . . .	—	3 4	0 11	0 2
81	lb.	Dec. senega conc. . . . .	—	3 1	0 11	0 2
20	lb.	Elixir caffeine iodid. N.I.F. . . . .	—	4 8	1 4	0 3
36	oz.	Ext. filicis . . . . .	—	—	5 9	0 10
11	oz.	Ext. gentian. pulv. . . . .	—	—	1 10	0 3
20	oz.	Ext. lactuca pulv. . . . .	—	—	3 2	0 6
36	oz.	Ext. valerian. pulv. . . . .	—	—	5 9	0 10
39	lb.	Glycerin. ichthammol. . . . .	—	2 6	0 9	—
35	lb.	Inf. gentiana co. conc. . . . .	—	1 5	0 5	0 1
43	lb.	Lin. potass. iodid. c. sapone . . . . .	—	1 9	0 6	—
99	lb.	Magnes. citras ver. . . . .	—	3 6	1 0	0 2
48	oz.	Ol. chenopodii . . . . .	—	—	7 8	1 1
65	oz.	Ol. limonis . . . . .	—	—	9 6	1 5
92	lb.	Ol. persic. alb. . . . .	—	3 3	0 11	0 2
25	oz.	Ol. sassafras . . . . .	—	—	3 8	0 7
35	lb.	Oxymel scille . . . . .	—	1 5	0 5	0 1
48	lb.	Potass. permang. . . . .	—	1 9	0 6	0 1
63	lb.	Potass. tartras . . . . .	—	2 4	0 8	0 2
51	lb.	Potass. tartras acid. . . . .	—	1 10	0 7	0 1
52	lb.	Syr. iodotannic. B.P.C. . . . .	—	2 6	0 9	0 2
57	oz.	Theobromin. et sodii acet. . . . .	—	—	9 1	1 4
20	oz.	Theophyllin. et sodii acet. . . . .	—	—	20 2	3 0

## TRADE NOTES

No SHORTAGE.—H. R. Napp, Ltd., Clements Inn, Kingsway, London, W.C.2, announce that there is no shortage of their British-made specialties Sedonan, Caapi, Abecedin and Raminol.

HEAVILY ADVERTISED.—Advertisements totalling twenty million weekly in the spring campaign for Koray tablets are notified to chemists in this issue of the C. & D. by Koray, Ltd., Gillespie Road, London, N.15.

FREE COUNTER-DISPLAY PIECE.—A small counter display with two packets of Bell's cat powders is offered to every chemist by Bell & Sons, Ltd., Liverpool, 13, who reproduce a customer's letter to demonstrate that this product sells rapidly when put on show.

VITAMIN-B SOURCE.—The English Grains Co., Ltd., Burton-on-Trent, point out that their product Yestamin, in tablets and powder, is pure, dried brewers' yeast, with high content of vitamin B. Yestact, another yeast specialty, is suggested as a tonic beverage and for addition to soups and gravies.

GENEROUS PROFIT MARGINS.—Directing attention to the profit resulting from the wholesale and retail prices fixed for their specialties Mercolized wax and Clynol Berries, Dearborn (1923), Ltd., Helliidon House, Helliidon, near Daventry, Northants, urge the wisdom of stocking such ready-selling consistently advertised preparations.

REVISED PRICES FOR PHOTOGRAPHIC CHEMICALS.—Increased prices for many photographic chemicals and specialties of Johnson & Sons, Manufacturing Chemists, Ltd., Hendon, took effect on May 5. The changes, which affect items in Messrs. Johnson's No. 2 price list (blue cover) issued in June 1939, are set out in a memorandum available from the company.

SHOP MATS OFFERED FREE.—In return for an order for a certain quantity of Calvex carbolic ointment, plus remittance covering purchase tax on the mat, F. C. Calvert & Co., Ltd., Manchester, are offering free to chemists a black and green shop mat, lettered in white, measuring 36 in. x 20 in. Discounts on the price of the goods are allowed if the purchase is made up to a stipulated minimum order that may include Calvex tooth powder, tooth paste, and soap.

VITAMIN C TABLETS FOR INFANTS.—The benefits derived from giving fresh fruit juice, preferably orange juice, regularly to infants and young children have long been recognised. Owing to the present scarcity of oranges the régime is frequently impossible. To supplement the deficiency tablets of B.D.H. vitamin C for infants have been issued by The British Drug Houses, Ltd., Graham Street, City Road, London, N.1. The tablets dissolve readily in warm milk or in the infant's feed. They are issued in bottles of fifty tablets, each containing 5 mgm. of pure vitamin C (equivalent to about two teaspoonfuls of orange juice per tablet).

GLAXO PRODUCTS AFFECTED BY TAX RULING.—The latest ruling of the Customs Authorities is that vitamins, vitamin concentrates, and vitaminised oils containing no added therapeutic substance, are exempt from purchase tax, except when prepared for injection. Products of Glaxo Laboratories, Ltd., Greenford, Middlesex, affected by this ruling are as follows: Hitherto taxed, now tax-free—Berin tablets; Celin tablets; infant Celin tablets; Kapilon tablets; Pelonin tablets (nicotinic acid, Glaxo); Permidin tablets (hesperidin, Glaxo); Prepalin capsules; Prepalin liquid. Hitherto tax-free, now taxed—Dekadexolin ampoules; Kapilon ampoules.

PRICE CHANGES.—New prices are announced by Meggeson & Co., Ltd., Llewellyn Street, London, S.E.16, for their specialties bismuth dyspepsia tablets, Meggezones, Vistic, sore throat lozenges, Meggoids, lemon barley water, etc. They advise chemists, however, of possible delays and difficulties in the execution of orders, following enemy action, and announce that they are unable to accept further orders for boiled sugars or three-penny pastilles.—Roche Products, Ltd., Welwyn Garden City, Herts, inform chemists that Benerva vitamin B<sub>1</sub> and Redoxon vitamin C are now free of purchase tax, except for ampoules, which are liable to 16½ per cent. The new prices are advertised on another page.

## Business Changes

LANGLEY-SMITH & Co., LTD., have removed to 4 Fenchurch Avenue, London, E.C.3.

THE NESTOSYL Co., LTD., have opened new offices at 3 Victoria Street, St. Albans, Herts. Telephone: St. Albans 270.

JULIAN GROSSE, manufacturer of surgical rubber goods, has removed to Tenant House, 50 Great Portland Street, London, W.1.

THE PHOTOGRAPHIC DEALERS' ASSOCIATION has temporarily removed to 39 Hill Road, Wimbledon, London, S.W.19. Telephone: Wimbledon 0041/42.

THOS. GUEST & Co., LTD., 15 Jewry Street, E.C.3, announce that for the time being all communications should be forwarded to Carruthers Street, Ancoats, Manchester, 4.

## Proprietary Articles Trade Association

Alterations to Protected List.—Dimol Laboratories, Ltd. (Agents: The Anglo-French Drug Co., Ltd.).—On page 102 of the P.A.T.A. Year Book for 1941 it is stated that Dimol mouth wash is exempt from purchase tax. The preparation is actually subject to 16½ per cent., and the prices are as follows:—2 oz., 2s. 6d., 18s. doz., tax, 3s. doz., inclusive retail price, 2s. 9d.; 6 oz., 7s., 50s. doz., tax, 8s. 4d. doz., inclusive retail price, 7s. 8d.; 16 oz., 16s. 6d., 120s. doz., tax, 20s. doz., inclusive retail price, 18s. 2d.—Proprietary Agencies, Ltd.—Prices in Eire: Phillips dental magnesia, 7½d., 5s. 3d. doz.; 1s. 1d., 9s. 6d. doz.; 1s. 10½d., 17s. 3d. doz.—Aspro, Ltd.—The standard wholesale prices of Aspro quoted on page 63 of P.A.T.A. Year Book for 1941 are strictly net and not subject to 2½ per cent. for cash in thirty days as stated.

Deletion.—Guyot-Guenin & Son., Rigollet's mustard leaves.





Retail		Trade
1/4½ size		10/- doz. bottles
1/11 "		13/6 " "
3/- "		20/- " "

**John Bell**  
BRAND

**TIN-OX TABLETS**

*These prices include purchase tax*

**JOHN BELL HILLS & LUCAS LTD**  
OXFORD WORKS, WORSLEY BRIDGE ROAD, S.E. 26

STABILISED CHLORAMINE GERMICIDE

**DYGERMA**

Bottles 1/6 and 2/6, Gallons 15/-, Tax Extra

Stocked by Principal Wholesalers

MATTHEW'S LABORATORIES, LTD., CLIFTON, BRISTOL, 8



Meet the need for  
"Something more persuasive"

**MEDILAX**  
BRAND  
LAXATIVE PELLETS

**GUMS** **TRAGACANTH**  
AND **ACACIA**  
As Imported or Finely Powdered  
**ALL GRADES**

FREDK. FINK &amp; CO., 10 &amp; 11 Mincing Lane, London, E.C.3

Telephone: Mansion House 5094

**FENNINGS'** OVER 70 YEARS  
REPUTATION**Children's Powders**ADVERTISED EVERYWHERE, READY SALES.  
ALFRED FENNINGS, Cowes, I.W.**HALIBUT-LIVER OIL**  
IN BULK**H.R. NAPP LIMITED,**  
3 & 4, CLEMENTS INN, LONDON, W.C.2.**SPECIAL NOTICE TO SUBSCRIBERS**

Under present conditions it is not possible to follow our usual procedure of sending a series of reminders about subscription renewals, nor continue the posting of copies after a subscription has expired, owing to the necessity of conserving paper supplies. For the same reason we cannot supply back numbers after postings have once ceased.

We hope therefore that our friends will co-operate by sending renewal instructions and remittance as soon as due, addressed to

The Chemist and Druggist, The Pitman Press  
Bath, Somerset

N.B.—Changes in name or address or any alteration of any kind in the current mailing list should be sent seven days in advance of the issue which they are to affect.

**BURROUGH'S**  
**ALCOHOL**  
FOR TINCTURES

Write for Prices  
JAMES BURROUGH Ltd., 1 Cale Distillery, Lambeth, S.E.11

**TRAGACANTH****SPECIALISTS IN B.P. POWDER**

Also Technical and Industrial qualities. All Grades of Whole  
Flakes as imported. Samples and prices on request.

**FREUDENTHEIL, SMITH & Co., 21 Mincing Lane, London, E.C.3**

Tel. Address: 'Freudenruf' Tel.: MANSION House 1924 &amp; 6600 Estd. 1826

**BLYTON, ASTLEY & CO. LTD.**

Eagle Laboratories, Lr. Broughton, Manchester

FOR

**LOZENGES, PASTILLES, "MENTHELLS,"**  
and Quick-Selling SPECIALITIES

**RECENT DEVELOPMENTS IN**  
**THERAPEUTICS**

By

F. PRESCOTT, M.Sc., Ph.D., A.I.C., M.R.C.S., L.R.C.P.

Reprints of this important series of 12 articles,  
published in the "Chemist and Druggist" during  
recent months, are now available.

Every pharmacist should possess a copy and thus keep  
abreast with modern medical practice.

The reprints occupy 16 pp. and will be sent post free  
at the following rates:—

1 set reprints	..	..	..	1/-
6 sets reprints	..	..	..	5/-
12 " "	..	..	..	8/-
36 " "	..	..	..	21/-

Special quotations for larger quantities.

Remittance must be sent with orders to

**THE CHEMIST & DRUGGIST**  
The Pitman Press, BATH

You need  
the

C. &amp; D.

**PURCHASE TAX**  
**READY RECKONER**

It simplifies transactions, saves valuable time and  
eliminates possibility of errors.

It gives at a glance the amount of purchase tax to be  
added to the Retail Sales price of goods

- (a) Bought and sold by weight.  
(b) Bought and sold in numbers.

In handy form for Counter use.

1 copy	..	..	..	7d. post free
3 copies	..	..	..	1/8 " "
6 " "	..	..	..	3/- " "
12 " "	..	..	..	5/6 " "

Special quotations for larger quantities.

Remittance should accompany orders to

**THE CHEMIST & DRUGGIST**  
The Pitman Press, BATH



# THE CHEMIST AND DRUGGIST

ESTABLISHED 1859

for RETAILER — WHOLESALE — MANUFACTURER

*circulates throughout the Pharmaceutical, Chemical, Drug, Essential Oil, Perfumery, Cosmetic, Toilet Preparation and allied Trades and Industries in Great Britain, Eire, The British Empire and all foreign countries*

*Official organ of The Pharmaceutical Society of Ireland, The Pharmaceutical Society of Northern Ireland, The Chemists' and Druggists' Society of Ireland and of other Chemists' Societies in the Empire*

OL. CXXXIV

May 10, 1941

NO. 3196

## CONTENTS

	PAGE		PAGE
British Association of Chemists	286	National Pharmaceutical Union	292
C. & D. Dispensing Price List	287	News of the Week	283
Company News	286	Parliamentary News	286
Correspondence	296	Pharmaceutical Society of Great Britain:—	
Deaths	287	Annual Report	291
Editorial Articles:—		Financial Statement	290
A Letter from the Home Office	289	Recent Research	293
Control of Mercury	289	Topical Reflections	285
Treating Burns at First-aid Posts	289	Trade Marks	286
Marriages	287	Trade Notes	287
Medical Abstracts	293	Trade Report	294
		War Damage Act	285

### A Letter from the Home Office

ARISING out of the Pharmaceutical Council's instruction to its Law Committee to procure evidence of a breach of Section 9 of the Pharmacy and Poisons Act by a co-operative society (*C. & D.*, March 15, p. 156), the Council at its April meeting received a letter from the Home Office. The terms of the letter have not so far been made known, though Home Office permission to publish is being sought. Absence of any details of the nature of the letter has given cause for speculation among members of the Society, and in our view it is in the public interest that full details of the communication should be disclosed forthwith. We have previously referred (*C. & D.*, January 25, p. 53) to the argument put forward that the co-operative societies and big stores did not understand the meaning of Section 9 when the 1933 Act was before Parliament and, as we stated then, such an admission does little credit to those making it when the effect was apparent to everyone else. Even so, all parties concerned agreed to abide by the decision of the Courts on the interpretation of the Section. The form of amending legislation the Home Office desires is well known, and if the department were to insist on modifying the Pharmacy and Poisons Act in the manner it has already proposed, without the acquiescence of the Pharmaceutical Society, the outcome would constitute a flagrant case of law-making or sectional interests (see p. 286).

No department in a democratic government should be allowed to adopt a dictatorial attitude—especially in regard to a matter in which it has no specific authority—unless the national interest is at stake. Such is not the case at the present juncture, as under the Pharmacy and Poisons Act, 1933, Part I (pharmacy) is subject to the control of the Pharmaceutical Society, while Part II (poisons) comes within the purview of the Home Office. The only claim of officialdom to interference with the Pharmaceutical Society's conduct of affairs is based on the tripartite agreement between these two bodies and the co-operative societies prior to the passing of the 1933 Act. The Section having been defined by the *Coombes v. Hygienic Stores* case, it is obviously the duty of the Pharmaceutical Society, imposed on them by the statute, to administer the law as thus interpreted, and equally the duties of the other parties to accept and comply with the decisions of the learned judges. Should the Home Office attempt to overrule the Society in carrying out its statutory duties, it would be interesting to hear the opinions of the Lord Justices who heard the appeal case referred to above, and in particular those of the then Lord Chief Justice (Lord Hewart), who has on more than one occasion commented caustically on government by bureaucracy.

At the first threat or sign of the introduction of legislation to circumvent Section 9 of the Pharmacy and Poisons Act, members of the Pharmaceutical Society must insist that the Council take

energetic action by means of questions in Parliament and otherwise to call attention to the true state of affairs. The House of Commons is very jealous of its rights, and though it may allow civil servants to make rules and orders for the general conduct of the war, we think Members will not permit their prerogatives and decisions in law-making to be overridden by officials because a minority of those affected by legislation do not wish to carry out the terms of a statute.

### Control of Mercury

As notified on another page in this issue, the Ministry of Supply has issued the Control of Mercury (No. 6) Order (S.R. & O. 586), which amends the previous Order, No. 5. The latter Order controlled sales prices of mercury salts: the new Order controls selling prices of the metal. By fixing the maximum selling prices for eleven or more bottles at £48, and over one and less than eleven bottles at £48 15s. per bottle, the Ministry has established values at much about the same levels as those ruling prior to the date of the Control: May 3.

It will be noted that the No. 6 Order indicates maximum selling prices and prohibits anyone buying or selling at above these values. It says nothing about the source from which consumers or dealers may in future draw their supplies of the metal. Some information on this point is given in a Press Notice (T.264), which states: "... the Ministry of Supply are prepared to sell quicksilver (commercially pure virgin mercury) to buyers approved by them, and applications should be made to the Raw Materials Department (Mercury Control), Ministry of Supply, Warwick, from whom order forms are obtainable. No applications will be entertained by the Ministry except for eleven or more standard bottles each containing 76 lb. net; inquiries for smaller quantities or for quantities not comprised in standard bottles of 76 lb. or for re-distilled mercury should be addressed to mercury dealers in the normal way, as at present. . . . The mercury will be sold until further notice by the Ministry at the price of £47 15s. per bottle ex warehouse in United Kingdom."

The Ministry is to act as its own sales agent. The larger consumers will be able to purchase their supplies at exactly the same figure as will merchants who have handled this product for many years. For bulk re-sales the dealer is to be allowed the inadequate margin of five shillings per bottle, but it is hardly likely that his former customers will be willing to do business with him on this basis when apparently they can go direct to the Ministry, and contract for supplies at the same figure as the merchant. The Ministry will not accept orders for less than eleven bottles; the smaller consumers are to be catered for by the original dealers, and their maximum gross profit is fixed at £1 on a transaction of £48 15s.

It may well have been desirable in the national interest to order the control of this metal but the method adopted seems to be unfair to the trading interests which have formerly handled mercury. Although the Ministry will only accept the large bulk order business, we have little doubt the ultimate cost of this experiment in trading will be much more than if the recognised merchants had been allowed to continue to handle the metal on a small commission basis.

### Treating Burns at First-aid Posts

ADVICE on the local treatment of burns has been distributed by the Ministry of Health for the guidance of medical officers in emergency medical service hospitals and first-aid posts. The recommendations relative to first-aid posts are as follows: Minor burns which do not require admission to hospital should, after cleansing the surface with plenty of soap and water, be dressed, in the case of the face or hands, with gauze or lint impregnated with sterilised petroleum jelly, prepared by half filling a biscuit tin with the jelly, standing the tin in a deep dish of water which is brought to boiling-point on a stove or fire, and, when the jelly is melted, dropping into it pieces of gauze or lint about 6 in. square, folded into two, until the tin is full. More petroleum jelly is added if needed to cover the dressings, and the tin left in boiling water for half an hour, then removed, the lid put on and the tin sealed with a strip of strapping. In other parts of the body minor burns are treated with tannic-acid jelly or gentian violet jelly, 1 per cent. If jellies are used, no dressing should be applied over the burned area, and clothing must not be allowed to come into contact with the burn area until the coagulum has formed and is dry. Application of tannic-acid or other coagulant jelly to the surface of a burn which has not been adequately cleansed is inadvisable. Serious burns requiring admission to hospital should be treated by application of sterile petroleum jelly on gauze or lint to cover the exposed portions. It is hoped that in the near future a non-greasy substitute will be available for use instead of the jelly. Provided the patient is shortly to be transferred to a nearby hospital, no attempt should be made to remove clothing to expose the burn area.

# PHARMACEUTICAL SOCIETY'S FINANCIAL STATEMENT

## SUMMARY OF INCOME AND EXPENDITURE FOR THE YEAR ENDED DECEMBER 31, 1940

GENERAL FUNDS	EXPENDITURE		INCOME		SURPLUS	DEFICIT
	1940	1939	1940	1939		
EDUCATION:	£	£	£	£	£	£
College .. .. .	11,813	15,971	4,400	6,443	—	7,411
Museum .. .. .	103	229	—	—	—	10
Library .. .. .	678	816	—	—	—	67
Examinations .. .. .	12,005	10,613	19,548	25,183	7,543	—
Miscellaneous .. .. .	322	1,471	—	—	—	32
	24,921	29,100	23,948	31,626	—	97
LAW DEPARTMENT .. .. .	9,430	11,226	19,569	20,124	10,139	—
BENEVOLENCE:						
Benevolent Fund—General .. .. .	6,553	5,562	6,768	6,537	215	—
do. do. —War Aid .. .. .	128	—	4,720	—	4,592	—
Hills Orphan Fund .. .. .	66	417	459	213	393	—
Orphan Fund .. .. .	480	—	232	224	—	24
War Auxiliary Benevolent Fund .. .. .	697	796	5	27	—	69
Supplementary Benevolent Fund .. .. .	10	5	—	5	—	10
Conference Entertainments Fund .. .. .	—	—	17	31	17	—
	7,934	6,780	12,201	7,037	4,267	—
ORGANISATION .. .. .	1,473	3,259	—	—	—	1,473
PUBLICATIONS:						
Pharmaceutical Journal .. .. .	9,431	12,080	—	—	—	943
Quarterly Journal .. .. .	941	1,632	705	707	—	23
British Pharmaceutical Codex .. .. .	1,034	1,968	1,508	1,512	474	—
Extra Pharmacopœia .. .. .	2,753	2,429	1,999	2,387	—	75
Pharmaceutical Pocket Book .. .. .	186	519	242	390	56	—
Calendar .. .. .	426	353	319	333	—	10
Poisons Law .. .. .	110	32	1	9	—	10
Register (included under Law) .. .. .	—	—	—	—	—	—
History of Pharmacy .. .. .	17	4	19	30	2	—
Sundry publications .. .. .	287	670	216	608	—	7
	15,185	19,687	5,009	5,976	—	10,170
NORTH BRITISH OFFICE .. .. .	3,679	3,706	—	—	—	3,679
HEADQUARTERS .. .. .	19,316	19,554	40,900	38,880	21,584	—
PREMISES .. .. .	—	—	2,325	6,765	2,325	—
MISCELLANEOUS:						
Superannuation .. .. .	2,860	3,043	—	—	—	2,860
Pensions .. .. .	2,603	2,587	—	—	—	2,603
Subscriptions to other Bodies .. .. .	5,250	2,073	—	—	—	5,250
Sundries .. .. .	—	—	—	—	—	—
	10,713	7,703	—	—	—	10,713
	92,651	101,015	103,952	110,408	11,301	—
SPECIAL TRUST FUNDS	10,565	10,139	11,552	10,294	987	—
GRAND TOTAL .. .. .	103,216	111,154	115,504	120,702	12,288	—

## SUMMARY OF ASSETS AND LIABILITIES AT DECEMBER 31, 1940

FUND	LIABILITIES		ASSETS			TOTALS	
	Total Liabilities	Accumulated Funds	Investments	Cash	Other Assets	1940	1939
Benevolent—Invested .. .. .	£	£	£	£	£	£	£
do. —General .. .. .	500 (1)	77,875	77,516	359	—	77,875	76,64
do. —War Aid .. .. .	—	5,043	3,000	1,715	1,428	6,143	5,82
Hills Orphan .. .. .	—	4,592	—	4,592	—	4,592	—
Orphan .. .. .	1,000 (2)	4,738	5,105	618	15	5,738	5,34
War Auxiliary Benevolent .. .. .	—	81	—	79	2	81	32
Supplementary .. .. .	—	—	—	—	—	—	62
Conference Entertainments .. .. .	7	9	—	9	—	9	1
Premises .. .. .	136	1,058	980	85	—	1,065	1,04
General .. .. .	229,740 (3)	70,274	67,355	137	2,918	70,410	69,86
		22,287	223,247 (4)	18,929	9,851	252,027	248,69
Special Trust Funds .. .. .	231,383	186,557	377,203	26,523	14,214	417,940	408,39
	1,714	3,703	1,661 (5)	2,403	1,353	5,417	5,59
	233,097	190,260	378,864	28,926	15,567	423,357	413,98

(1) Reserve for War Risks Insurance. (2)—Capital Account. (3)—Including Mortgage £95,530 and New Buildings Capital Account £118, (4)—Including Brunswick Square site £45,600 and expenditure on the new building £118,281. (5)—Excluding Investments to the nominal value £15,657 from which the several funds derive their income. A copy of the full accounts can be obtained from the secretary on request.



# PHARMACEUTICAL SOCIETY OF GREAT BRITAIN

## Annual Report

THE following passages are taken from the annual report of the Council of the Pharmaceutical Society for the year 1940:—

**Registration.**—The total number of persons whose names were on the registers of Pharmaceutical Chemists and Chemists and Druggists was 4,921, an increase of 260. Of these persons, 1,611 were registered as pharmaceutical chemists, an increase of thirty-three. Ten persons were registered under reciprocity agreements during the year. The number of persons acting as superintendents of limited liability companies, firms or partnerships under the Pharmacy and Poisons Act, 1933, was 2,072, an increase of forty-one. The number of persons registered during the year as apprentices or students was 639, a decrease of twelve. The total number of student-associates was 456, a decrease of seventy. The number of premises registered under Section 12 of the Pharmacy and Poisons Act, 1933, was 15,310, a decrease of seventy-one. The Council decided to exempt from payment of retention fees pharmacists who were undergoing apprenticeship from having joined H.M. Forces or, from any other cause arising on the war.

**Examinations.**—The number of entries, including re-entries, for the whole or part of the Preliminary Scientific examination was 1,030, and 101 candidates passed; the corresponding figures for the Chemist and Druggist Qualifying examination were 1,600 and 788. There were 122 entries for the Pharmaceutical Chemist Qualifying examination, and twenty-five candidates passed. Sixteen candidates entered for the examination for the Diploma in Biochemical Analysis, of whom twelve passed, and two for the examination for the Diploma in Pharmaceutical Analysis, of whom both passed. The number of candidates for the Scholarships examination was twenty-five.

**Legal.**—The number of pharmacies inspected was 12,479, and of other shops 3,275. The figures for 1939 were 11,590 and 3,399 respectively. Proceedings were authorised in forty-three cases of infringement of the law, being thirteen fewer than in 1939. Warning letters were sent in a number of other cases of infringement. The premises of 931 listed sellers are inspected by the Society's inspectors, acting on behalf of thirteen local authorities. In consequence of a resolution passed during the previous year at the Branch Representatives' meeting that it should be made an offence for wholesalers to supply poisons to retailers unauthorised to sell them, the Council decided that, although they could not see their way to support the proposal owing to practical difficulties in the way of its application, the situation called for certain steps to be taken. The Wholesale Drug Trade Association and the Proprietary Association of Great Britain were approached and their assistance invited in urging upon their members the adoption of a policy which would prevent unqualified retailers from obtaining poisons from them for re-sale. Assurances were received from these organisations of co-operation in the manner suggested. At the same time, the Branches were asked to make direct representations in the same sense to individual wholesalers and manufacturing firms in their areas. The Home Office reply to the memorandum submitted by the Society in the previous year on the situation created by the decision in the High Court case *Hygienic Stores, Ltd., v. Coombes* was received during the year and led to further correspondence on the subject and an interview at the Home Office, at which a deputation of the Society, consisting of the president, Mr. A. R. Melhuish and the secretary, discussed the situation with representatives of the Department. The Department was strongly averse to dealing with the situation on the lines suggested by the Society, and proposed an amendment of the Pharmacy and Poisons Act, 1933, which, if adopted, would give effect to the interpretation of the law adopted by the Home Office and the Society prior to the High Court case. A draft amendment was prepared by the Department and was under consideration by the Council when the year ended.

**Education.**—The revision of the examination regulations was completed and new regulations and by-laws to give effect to the changes were made and were awaiting approval by the Privy Council at the end of the year. The changes, which left the main structure of the Regulations unaffected, included alteration in the name of the Preliminary Scientific examination to that of Intermediate examination, adjustments in fees or registration as "apprentice or student," and for exemption from and re-entry to examinations and the conferment of power upon the Council to prescribe, if thought fit, that the Intermediate examination should be passed before practical training commenced. In connexion with the changes in the examination regulations it was decided that all "apprentices or students" should be deemed to be elected as student-associates of the Society. In order to meet the position of students who have passed the Pharmaceutical Chemist Qualifying examination, or have a university degree in pharmacy, but are not eligible to be registered as pharmacists owing to their not having undergone the necessary practical course of study, it was decided to admit such persons to the examination for the Diploma in Biochemical Analysis, but to defer the award of diplomas to successful candidates until they had registered as pharmacists. Through the generosity of the late Mr. M. H. Stiles, Doncaster, two scholarships were established, one for sons of pharmaceutical chemists in Yorkshire, the other for the sons of pharmaceutical chemists in Leicestershire.

**The College.**—The School of Pharmacy and the Pharmacological laboratories continued in their temporary war-time quarters at University College, Cardiff, and the National Institute for Research in Dairying, Shinfield, Reading, respectively, and the Council acknowledged with gratitude the continued hospitality which these departments received. The number of students enrolled for the 1940-41 session was twenty for the

first year and thirteen for the second year. Research was fully maintained within the limits which war-time conditions imposed. There were fifteen persons engaged in this work, of whom six were full-time workers. Twelve research papers were published during the year and are reported in the annual report of the College for 1940. In addition, a considerable number of investigations were conducted for the various committees connected with the British Pharmacopoeia and the British Pharmaceutical Codex, particularly in relation to war-time substitutes. Arrangements were made with the Ministry of Food for the Pharmacological Laboratories to examine from time to time samples of vitaminised margarine bought in the open market to ensure the maintenance of the official standard. Similar arrangements were also made in respect of cod liver oil. The Laboratories also dealt with many inquiries from the Ministry of Food and other public bodies on the vitamin value of cooked as compared with fresh foods, and certain investigations were undertaken in connexion with these inquiries. The School provided a large emergency supply of sterile intravenous solutions for the Blood Transfusion Service of South Wales, and the Dean was appointed Honorary Pharmaceutical Adviser to the Welsh Board of Health, with the duty of advising on pharmaceutical conditions in hospitals in the area of South Wales.

**Library and Museums.**—The number of books circulated by the Library in London was 7,027, compared with 7,181 in 1939, and 1,704 by the Library in Edinburgh compared with 2,168 in 1939. The total number of volumes added to the Libraries was 140, of which forty were donations. When the air attacks on London commenced, the Council decided that it would be advisable to evacuate to safer quarters all the volumes in the Library not in current use, and the whole of the Museum specimens, and arrangements were made for carrying this decision into effect.

Miss Smelt resigned her appointment as Librarian. She carries with her the Council's thanks for her services and good wishes for her future. Miss Agnes Lothian was appointed Librarian in her place.

**Benevolence.**—The income of the Benevolent Fund for general purposes was £6,768, of which £3,235, an increase of £186, was derived from subscriptions and deeds of covenant. The expenditure on casual grants for 209 persons was £4,500 against £3,439 for 196 in 1939, and the expenditure on annuities £2,053. The number of annuitants at the end of the year was thirty-eight, and it was decided not to elect any additional annuitants in view of the special circumstances of the times. This, however, did not adversely affect the position of persons who might have been elected, as they would continue to receive equivalent grants. The balance of the War Auxiliary Benevolent Fund, namely £697, was expended during the year, making a total of £35,887 paid in grants since the Fund was commenced in 1918. This amount was provided as follows: Contributions, £23,114; interest on investments, £9,551; profit realised on the sale of investments, £3,222. When the year ended steps were being taken formally to close the Fund. The income from the Hills Orphan Fund investments was £214 and one orphan was maintained by the Fund at the Royal Wanstead School. The income of the Orphan Fund was £232, including payments under deeds of covenant, and payments were made for the maintenance of two orphans at the London Orphan School. Grants from the Supplementary Benevolent Fund amounted to £10.

**War Aid Service.**—The consideration given jointly by the Council and the Executive Committee of the National Pharmaceutical Union to the question of the assistance which might be given to maintain in business pharmacists whose businesses had been adversely affected by evacuation and other war-time circumstances led to the conclusion that the scale of assistance to be effective was beyond the resources of pharmacy and that such assistance could only come, if at all, from public funds. Later in the year the increase in the distress among pharmacists arising from the war was such as to cause the Council to institute a War Aid Service, with the object of giving advice on all problems arising from the war, and finding employment and assisting by financial or other means any pharmacist in need of such help. In the first three months eighty applicants had been helped, sixteen of them financially. A War Aid Fund was established in connexion with the Service and had reached the total of £4,700 by the end of the year.

**Finance.**—The income of the Society, including £4,720 subscribed to the War Aid Fund, was £103,952, a decrease of £6,456, and the expenditure £92,651, a decrease of £8,364. With the exception of Benevolence, the income from every source (except members' retention fees) was less and the expenditure in every department was substantially reduced. The main reductions in income were: Examination fees, £5,635; premises fees, £256; registration fees, £23; other fees, £207; student associates' subscriptions, £37. Retention fees amounted to £484 more than in the previous year, and a larger amount of income-tax was recovered. The economies introduced at the outbreak of war produced substantial reductions in expenditure and fulfilled expectations. The School of Pharmacy expenses were £2,087 less, the income £1,362 less; the Pharmacological Laboratories expenses were £2,071 less, the income £681 less. Altogether the College cost £2,115 less than in the previous year, notwithstanding a further £870 special war expenditure. Other reductions were: Museum, £126; library, £138; sundry educational expenses, £1,149; law, £1,744; organisation, £1,786; North British Branch, £27; headquarters, £238; superannuation, £183; and miscellaneous payments, £781. Increases in expenditure were: Examinations, £1,392; Register, £17; payments to members of the staff on National Service, £725; and pensions, £16. A further £327 was spent on air-raid precautions and £3,000 was charged in the accounts as provision for War Damage Insurance. The expenditure on "The Pharmaceutical



Journal" was substantially reduced, and the income declined less than was anticipated; the resulting net cost was £2,649 less than in the previous year. The sales of the other publications declined by £967, and, there being no fresh issue during the year, the income fell short of the expenditure by £745, against £1,631 in the previous year. The income of the Premises Fund was £2,325, against £6,765 in 1939. The expenditure on the new building was £39,382, making a total of £118,281. The market value of the stocks at the end of the year was nearly £8,000 above the book value, compared with £4,000 at the end of the previous year. The general surplus was £5,464, against £3,574 in 1939, and practically covered the loan charges of £5,494.

**Organisation.**—Three applications for the establishment of new Branches were received during the year. One of these was for the reconstitution of the Buxton Branch and was granted. The total number of Branches was 127. Arrangements were made for holding Evening Meetings regularly as usual during the 1940-41 session, but as the conditions were unsuitable for holding the meetings in the evening, it was decided as an experiment to have the first meeting in the afternoon. The experiment was successful, and the remaining meetings were held similarly. Following the practice in the last year, the British Pharmaceutical Conference which was held in London in June took the form of a single session at which the chairman, Mr. H. Humphreys Jones, gave his address, entitled "The Role of the Pharmacist in Relation to the Food Problem," and routine business was transacted. It was decided not to hold a Branch Representatives' meeting. The Council approved a proposal of the British Association of Chemists, arising from the raising of the income limit for compulsory unemployment insurance, to establish a special section of the Association for pharmacists in order that they might take advantage of the facilities offered by the Association in connexion with the administration of benefit under the Unemployment Insurance Acts. The Society collaborated with the National Pharmaceutical Union to raise money from pharmacists for the purchase of ambulances for the Anglo-French Ambulance Corps, subsequently the British Volunteer Ambulance Corps, and approximately £1,200 was collected.

**The Society's House.**—The arrangements made and carried into effect before the war for the evacuation of the College and certain administrative departments were maintained unchanged throughout the year, apart from certain adjustments of work as between Birdsgrove House and London when air attacks on London developed.

**The New Building.**—As the completion of the floors and exterior of the building approached, it became necessary to consider whether work on the building should proceed beyond that stage. The Council decided that although it would be impracticable under war-time conditions to complete and equip the whole of the interior of the building, it was advisable to utilise the available resources of the Society in finishing the administrative section and Council Suite and providing temporary accommodation for the Library in order that the Society's premises at No. 17 Bloomsbury Square might be vacated as soon as possible. Accordingly instructions were given for the work to proceed with this end in view at an estimated cost of approximately £25,000. Later in the year, unfortunately, restrictions upon the use of steel and cement made it impossible to complete the exterior of the building, and consequently the plan partially to occupy the building had to be abandoned and steps taken to protect the work already done from the effects of the weather until such time as further progress could be made. Subsequently it was decided to approach the Government with an offer of the use of the building for national purposes during the war in return for the release of the materials necessary to complete the structure. With cessation of work upon the building, it was felt that no further appeal for support for the Centenary Building Fund could be made for the time being, and further action in connexion with the Fund was limited to asking those members who had promised to subscribe to implement their promises.

**Public Services.**—As a result of the inquiry instituted the previous year into the pharmaceutical arrangements in the London Sector of the Emergency Hospital Scheme, a report was submitted to the Ministry of Health and a number of recommendations for improvement were made in it. The outcome was the appointment of an advisory pharmacist for each of the sectors to co-ordinate the pharmaceutical activities in the sector. Subsequently the Society urged the extension of the appointment of advisory pharmacists to other parts of the country under the Emergency Hospital Scheme, and the Ministry recommended their Regional Officers to appoint such pharmacists where the circumstances indicated that it would be desirable to do so. During the year the National Register was revised in order that the information contained in it might be brought up to date and made complete. It records offers of service of different kinds from nearly 21,000 pharmacists. More than 400 pharmacists were supplied during the year for service as Sergeant-Dispensers in the Royal Army Medical Corps. A small number was supplied to serve as civilians in Royal Naval Hospitals, Government Departments and War Emergency and other hospitals. The National Register Department also dealt with numerous questions concerning pay and allowances of pharmacists serving in H.M. Forces, the transfer of pharmacists from non-medical units to the R.A.M.C., and the continued reservation of pharmacists and pharmacy students who had received calling-up notices. The Central Pharmaceutical War Committee put forward proposals for improved co-operation with the War Office, the Admiralty and the Air Ministry in regard to the recruitment and terms of service of pharmacists for the three branches of the Forces and with the British Red Cross Society in regard to similar matters so far as women pharmacists were concerned. Attention was also given to the position of pharmacists employed as civilians in War Emergency and militarised hospitals and to the position of pharmacists under the Schedule of Reserved Occupations. Negotiations were instituted by the Committee with a view to securing that *personnel* for pharmaceutical duties in the Air Force and Voluntary Aid detachments should be engaged under similar

conditions to those obtaining for such *personnel* in the R.A.M.C. Terms of reference of the Central Pharmaceutical War Committee were extended to include representing the profession in all negotiations with Government Departments and advising upon any questions relating to the supply and utilisation of pharmaceutical *personnel* that might be referred to it. Closer relations between the Society and the Guild of Public Pharmacists were established by the co-optation on to the Public Services Committee of four representatives of the Guild, this arrangement replacing the Joint Committee of the Guild and the Society. In connexion with Air Raid Precautions the Ministry of Health, as a result of the Society's representations, agreed to the payment of pharmacists for drugs and dressings that they might be called upon to supply to air-raid casualties under certain conditions. Experience of the effects of air attack on the country showed that little or no demand was made upon the services of pharmacists in their pharmacies, and attention was directed to securing that their services were fully utilised in first-aid posts and other places where the work done justified the appointment of pharmacists in an advisory capacity.

**Scotland.**—The Council are pleased to place on record their thanks to the Executive of the North British Branch for the assistance rendered during the year in the management of the Society's affairs in Scotland. Matters of special interest are contained in the annual report of the Executive, already published.

**Publications.**—Owing to difficulties arising from the increased cost and the limitation of the supply of paper and the increase in the postage rates, it was necessary still further to reduce the number of pages of "The Pharmaceutical Journal" and to limit the amount of space available for advertising. The twenty-second edition of Volume I of "The Extinct Pharmacopœia" was ready for printing at the end of the year. The Council regret to record the death of Mr. J. W. Haynes, publications manager, and express their appreciation of his services during the seven years of his association with the Society.

**Statutory Committee.**—Six disciplinary inquiries were held by the Statutory Committee during the year. Five of these arose out of convictions of pharmacists and one out of alleged misconduct. In all these cases the Society acted as complainant. The Committee directed the removal from the Register of the names of two pharmacists, one of whom had been convicted of the illegal sale of a Schedule I poison and the other of whom had distributed publicly a pamphlet of an objectionable or indecent character. In two cases the decision was deferred, in another a warning was given, and in the remaining case, which was one in which the decision had been deferred, it was decided not to give a direction to remove the name.

**Obituary.**—The Council regret to have to record the death of 30 members of the Society and a number of other persons who were closely connected with it.

## N.P.U. EXECUTIVE MEETING

MEETINGS of the Executives of the National Pharmaceutical Union and Chemists' Defence Association were held at 4-5 Queen Square, London, W.C.1, on April 22. Mr. A. Dobson, Blackburn, who was appointed *Chairman*, thanked Mr. Hearle (retiring chairman) for his services, and the vote of thanks was carried with acclamation. Mr. J. Evans, Cambridge, was appointed *Vice-Chairman* and Mr. A. R. Melhuish, London, was reappointed *Treasurer*. The chairman welcomed Mr. H. Steinman as newly-elected representative of the N.W. Area Division 2. After election of the usual subcommittee and representatives to trade and professional committees and organisations, the secretary spoke on possible repeal of medicine stamp duty, the Union's mutual Air-raid Assistance Fund, and the Centenary commemoration of the Pharmaceutical Society. A resolution was received from the Oldham Branch asking that the N.P.U. should oppose postponement of the elections of the Pharmaceutical Council. From the Middlesbrough Pharmacists' Association a communication was received asking that the N.P.U. should co-operate with the Pharmaceutical Society in opposing repeal of medicine-stamp duty. The secretary was instructed to write saying that the N.P.U. and the Pharmaceutical Society were committed to an arrangement under which the duty could be repealed without the chemist losing any rights which he is at present enjoying.

**C.D.A. Matters.**—Mr. H. Steinman was appointed a director of the Association. The secretary's report indicated that in the majority of the uncompleted claims there had been no substantial developments. In one claim against a member arising out of the sale of a proprietary toilet preparation the makers had accepted responsibility, and had thereafter negotiated a settlement. Three minor claims settled arose out of damage to a lighter by a petrol substitute; clothing damaged through the accidental spilling of acid; and the collision of a cycling errand boy with a perambulator. Legal defence had been provided for three members summoned under the Food and Drugs Act, Prices of Goods Act, and Lighting Restrictions Order respectively. In the Food and Drugs Act case *lin. alb.*, N.F., which contains only 25 per cent. of turpentine against 65 per cent. in the B.P. liniment, was supplied for liniment of turpentine. A fine of £3 had been imposed. Penalties amounting to £8 5s. had been imposed in connexion with the sale of a torch battery at a price above the maximum.



## MEDICAL ABSTRACTS

**Ammonium Salts in Bronchitis.**—The finding that ammonium carbonate and ammonium chloride are not contra-indicated in cases of chronic bronchitis and bronchiectasis with profuse secretion of sputum is made by Alstead ("Lancet," March 8, p. 308) as the result of investigations in thirty-one cases treated at Stobhill Hospital, Glasgow. On the other hand, he states, the results of the investigation do not justify the view that the salts are of any value in these diseases.

**Fluorine in Goitre.**—A relation between the geological distribution of fluorine and the distribution of endemic goitre is suggested by Wilson ("Lancet," February 15, p. 212). Following investigations in the Punjab, and in a part of Somerset in which a high incidence of goitre had been observed, the author conducted inquiries that showed mottled enamel (the evidence of dental fluorosis) to be also prevalent, while in adjoining non-goitrous areas fluorine was absent from the local drinking water and fluorosis was rare.

**Ascorbic Acid in Gingivitis.**—Treatment of gingivitis with ascorbic acid in fourteen patients was tried by Campbell and Cook ("British Medical Journal," March 8, p. 360) with results that were described as favourable. No other dental treatment, such as scaling or the use of mouth-washes, was given. The daily dose of ascorbic acid was 300 mgm., which was administered until a urine test showed that the patient was saturated with the vitamin (on an average seven days). Inflammation ceased and the gums became normal after approximately four days' treatment.

**Pituitary Secretions and Insulin Insensitiveness.**—An editorial article in the "British Medical Journal" (May 3, p. 677) classifies diabetics broadly in two groups according to their reactions to insulin. The first is characterised by a response to insulin with a fall in blood sugar essentially similar to that of a normal person. In the second, a relative insensitivity to insulin is found: some abnormality is apparently present which interferes with the action of insulin. It is suggested that this abnormality is in some way connected with the pituitary gland. From the anterior lobe of the pituitary can be extracted Young's "glycotropic factor," and if this is injected into the hypophysectomised animals their sensitivity to insulin is much reduced. This factor appears to act as a specific "anti-insulin."

**Derris Root in Scabies.**—Discussing the results of experimental treatments of scabies with derris preparations in over 100 patients, Saunders ("British Medical Journal," April 26, p. 624) recalls that Thomas and Miller had previously reported cures with rotenone in 1 or 2 per cent. lotion. He himself used derris powder as being more readily procurable and less expensive. Twenty-one patients were reported as cured after treatment with a lotion composed of 1 oz. soft soap and 4 oz. derris powder in 1 gall. warm water. After a bath, the suspension was applied all over the body with cotton wool, and allowed to dry on the body. Further applications were made night and morning until irritation ceased (minimum for any patient, six applications; maximum, fifteen). A further fifty-two unselected patients were treated with six applications (morning, afternoon and evening on consecutive days) without preliminary bath. The majority were recorded as cures and the remainder failed to report, suggesting that the irritation was no longer troublesome. Commenting on the results, the author states: "The treatment is of great value where water is scarce and baths are difficult to procure. . . . Those affected with scabies in shelters would be able to carry out the treatment quite simply in them, provided space was set aside for such a purpose."

**Heart and Liver Actions of Sex Hormones.**—Records of the effect on weights and histological structure of the liver on heart, and on the isolated heart, of forty-six male rats have been tabulated by Korenchevsky, Hall, Burbank and Cohen, working at the Lister Institute, London ("British Medical Journal," March 15, p. 396). The effects are due to non-sexual properties of the male hormones, especially androsterone and testosterone propionate. The authors consider that the male hormones in suitable doses might be considered natural physiological stimulants of the liver, heart and kidneys. They suggest, from the results obtained on animals, that androsterone and esters of testosterone should be tried clinically in suitable diseases of the liver, heart and kidneys when a physiological stimulation of these organs is required, androsterone being preferable to the testosterone esters as a physiological stimulant of liver, heart and kidneys in both sexes, since it produces only a weak effect on the male and female sex organs and is present naturally in both sexes. To stimulate the sex function in patients suffering from diseases of the liver, heart and kidneys is inadvisable. In cases of deficiency of oestrogens in the organism, the simultaneous administration of male hormones with oestrogens might be advantageous, since the former are able to neutralise to some extent the depressing and toxic effects of oestrogens.

## RECENT RESEARCH

**Ascorbic Acid in Citrus Juices.**—An improved method for the determination of ascorbic acid in citrus fruit juices is described by Ballantyne, who claims the following advantages over the double back-titration method of previous workers: Increased accuracy, stability of reagents, greater simplicity and rapidity, and more reproducible results ("Industrial and Engineering Chemistry," [Analytical Edition] 1941, I. 88). Previous methods have been mainly based on the method which employs 2,6-dichlorophenolindophenol or on some modification of the iodometric titration. In general the iodometric methods have been subject to criticism since they lack specificity and a sharp end-point. The present direct-titration method, which gives an end-point comparable in sharpness with that of the double back-titration method and in addition avoids the necessity for frequent standardisation, is as follows: Add to 5 c.c. of citrus fruit juice 1 c.c. of 10 per cent. potassium iodide and 2 c.c. of 2*N*/sulphuric acid. Titrate the resulting solution with 0.01*N*/iodate, adding the reagent dropwise near the end point. It is best not to add the starch indicator until very near the end point. 1 c.c. of 0.01*N*/iodate = 0.88 mgm. of ascorbic acid. The author states that this iodate method can be recommended for routine determinations of ascorbic acid in citrus juices.

**Fire-extinguishing Solutions.**—Tyner presents results of over 800 tests to measure the fire-extinction effectiveness of water solutions of thirty-three chemical compounds in various concentrations ("Industrial and Engineering Chemistry" 1941, I, 60), and indicates the advantages of adding chemicals to the water used. He finds that the superiority of a given concentration of a given chemical in water, over water alone, varies with both the rate of application of the liquid and the wind velocity. As extinguisher-solution application-rates approach the minimum rate at which extinction can be accomplished with water, the amount of water required increases greatly, whereas the amount of a 10 per cent. monoammonium phosphate solution required remains approximately constant. The superiority of a 10 per cent. monoammonium phosphate solution over water is greater with moderate wind velocities than at zero wind velocity. Several of the most effective agents in concentrations of about 2 per cent. possess a large part of the extinction effectiveness attained with much higher concentrations. Chemicals vary in their capacity to suppress flames quickly and in prevention of glowing and rekindling. Potassium acetate, potassium bicarbonate and potassium carbonate have pronounced flame-extinguishing capacity. Phosphoric acid, di- and monoammonium phosphates, and boric acid have pronounced glow-extinguishing and total-extinguishing capacity.

**Piperitone Chemistry.**—An important paper on piperitone and on menthol and menthone derived therefrom has been published by W. E. Hugget ("Journal of the Society of the Chemical Industry," 1941, 67). The paper deals with work carried out in the research laboratories of Howards & Sons, Ltd., Ilford. Piperitone is a ketone isolated from the essential oil of *Eucalyptus dives*, and is used on a large scale for the manufacture of thymol and optically-inactive menthol. It exists in the oil as a mixture of the two optically-active varieties, but in practice it is racemised during its isolation and is always optically inactive. In order to prepare synthetic *lævo*-menthol it became necessary to isolate *lævo*-piperitone. By fractionation under reduced pressure, a mixture of 95 per cent. of the ketone and 5 per cent. of sesquiterpene was obtained. The optical rotation of the piperitone was  $-49.8^\circ$ . By a series of crystallisations pure *lævo*-piperitone was obtained, and found to have an optical rotation  $-67.8^\circ$ . By experiments carried out both in England and in Australia on the leaves and twigs of the plant, it is shown conclusively that piperitone exists in the partially racemised form in the plant. Some of the lesser known isomerides of the menthol and menthone series have been prepared and the following valuable physical constants are placed on record.

Isomeride	Melting Point	Specific Rotation	Refractive Index at 20°	Specific Gravity
<i>l</i> -piperitone . .	$-29^\circ$	$-67.8^\circ$	1.4845	0.933 at 20°
<i>i</i> -piperitone . .	$-19^\circ$	—	1.4845	0.933 "
<i>l</i> -menthone . .	$-5.7^\circ$	$-28.3^\circ$	1.4504	0.8946 "
<i>d</i> -isomenthone . .	$-35^\circ$	$+95^\circ$	1.4530	0.900 "
<i>l</i> -menthol . .	$43^\circ$	—	—	0.8911 at 30°
<i>d</i> -menthol . .	$38^\circ$	—	1.4615	0.8911 "
<i>d</i> -neomenthol . .	$-15^\circ$	$+18.7^\circ$	1.4600	0.8917 "
<i>i</i> -neomenthol . .	$52^\circ$	—	1.4600	0.8915 "
<i>d</i> -isomenthol . .	$82.5^\circ$	—	—	0.904 "
<i>i</i> -isomenthol . .	$53.5^\circ$	—	—	0.904 "
<i>d</i> -neoisomenthol . .	$-8^\circ$	$+0.15^\circ$	1.4649	0.9041 "
<i>i</i> -neoisomenthol . .	$13.5^\circ$	—	1.4649	0.9041 "



## TRADE REPORT

Spot quotations recorded for pharmaceutical chemicals, crude drugs and essential oils represent the prices for wholesale quantities of standard quality. C.i.f. quotations do not include marine war risk insurance and other abnormal charges payable in the present emergency.

28 Essex Street, W.C.2, May 7

THE feature of the markets during the past week has been the exceptional number of inquiries received. In not all cases has business resulted, owing to the somewhat difficult conditions under which merchants and dealers are at present working. Stocks of a considerable number of commodities are low and, although consignments arrive with reasonable regularity, replacement is necessarily slow. Prices are generally maintained at former figures, but one or two changes in an upward direction are noted, especially among the natural products. PHARMACEUTICAL CHEMICALS have had another week of moderate business. Quotations are all maintained, and price changes have been few. ACETANILIDE remains in fair demand. BARBITONE is firm. Supplies of BENZOIC ACID are inadequate to meet consumers' requirements and there appears to be little prospect of an improvement in the position in the near future. IODIDES are steady at the advance recorded recently. MERCURIALS and VERMILION are unaffected by the new Control of Mercury (No. 6) Order, which fixes maximum selling prices for mercury (see Crude Drugs). Notification has been received of a fixed-prices agreement between the Coal Tar Controller (Ministry of Mines) and makers of phenol. A producer now requires a licence to dispose of his product, which must be supplied as directed by the Controller.

### Crude Drugs

There are no outstanding changes to report in these markets, which have been quiet and steady throughout the week, with a fairly regular consuming trade passing. Perhaps the most interesting development has been the issue by the Ministry of Supply of the Control of Mercury (No. 6) Order, 1941 (S.R. & O., 1941, No. 586), which fixes maximum selling prices for MERCURY: this metal has not hitherto been subject to price control (editorial comment, p. 289). Spot prices of AGAR are advancing steadily as the demand for the small supplies available increases. The position of AROES is difficult; buyers favour the Curaçao variety, supplies of which are inadequate to meet the demand, while Cape, which is in fair supply, appears to be neglected. BALSAM TOLU is quoted slightly dearer on spot. Another upward price trend seems to have started for CLOVES, which has been steadier during the past few weeks. Prices of DAMIANA LEAVES are nominal in the absence of spot stocks. ERGOT has been in greater demand, and spot prices show an increase; it is difficult to obtain shipment offers from the source. EUONYMUS BARK is dearer by about 3d. per lb. SUDAN GUM ACACIA is reported dearer for shipment. NUTMEGS are firm and dearer. SHELLAC is easier for shipment. Some export business is noted in STROPHANTHUS SEED.

### Essential Oils

The markets have been quiet, with values of most products fully maintained. ANISE (STAR) is in fair demand, with spot prices firm. CASSIA is firm, and dealers repeat that stocks are low. CLOVE continues to be quoted firm at the higher prices noted recently. Supplies of GRAPEFRUIT are reported to be rather difficult, and the price of Californian is firm. LEMONGRASS is firm, with spot values a shade dearer. British-made synthetic MUSTARD is now available.

### Exchange Rates on London

The following is a list of the chief Continental and other exchange rates at the opening on Wednesday morning:—

Centre	Quoted	Par	April 30	May 7
Belgian Congo ..	Francs to £	nominal	176½*	176½*
Buenos Aires ..	Paper pesos to £	—	17·04½*	17·04½*
Java ..	Florins to £	12·107	7·60*	7·60*
Lisbon ..	Escudos to £	110	100·0*	100·0*
Madrid ..	Pesetas to £	25·24½	40·50 official 46·55 voluntary	40·50 official 46·55 voluntary
Montreal ..	Dollars to £	4·86½	4·45*	4·45*
New York ..	Dollars to £	nominal	4·03*	4·03*
Shanghai ..	Per dollar	—	3½d.	3½d.
Stockholm ..	Kroner to £	18·150	16·90*	16·90*
Yokohama ..	Per yen	28.	18. 1½d.	18. 1½d.
Zurich ..	Francs to £	22·2115	17·35*	17·35*

\* Rate fixed by Bank of England. Bank rate, 2 per cent.

### Pharmaceutical Chemicals

ACETANILIDE.—Business fair; values unchanged. B.P.C. crystals and powder, spot, about 2s. 4d. to 2s. 6d. per lb., according to quantity.

AMIDOPYRINE.—Business is fair; values firm. Crystals, one-cwt. lots, about 28s. 6d. per lb.; smaller quantities, up to about 32s. per lb.; powder 3d. per lb., extra.

ATROPINE.—Makers quote as follows: ALKALOID, 21s. per oz.; 4 oz., 20s. 6d., and 25 oz., 20s. per oz. SULPHATE, 16s. 6d. per oz.; 4 oz. 16s., and 25 oz., 15s. 6d. per oz. Bottles, under 5-gm. or 1-oz., corked, 3d.; stoppered, 5d.; 5-gm. to 25-gm. or 1-oz., corked, 3½d.; stoppered, 6d.; 25-gm. or 1-oz., corked, 3½d.; stoppered, 7½d.; 50-gm. or 2-oz., corked, 4d.; stoppered, 9d., corked, 100-gm. and over, included in price; tubes, per 100, 5-gr., 10s. 6d.; 10-gr., 12s. 3d.; 15-gr., 14s.

BARBITONE.—Remains firm. Dealers quote one-cwt. lots at about 24s. 6d. per lb., with smaller quantities at up to about 30s. per lb.

BENZOIC ACID (B.P.).—Supplies are poor and quotations nominal at about 2s. 9d. to 3s. per lb.

CALCIUM LACTATE.—Unchanged at 1s. 9d. per lb. for small quantities.

CALCIUM SODIUM LACTATE.—Makers' prices are steady, as follows: 28 lb 2s. 3d. per lb.; 14 lb., 2s. 5d.; smaller lots, 2s. 8d. per lb.

CREOSOTE (BEECHWOOD).—Quoted by dealers at about 8s. 6d. to 9s. per lb. for bulk quantities, in 25-kilo demijohns.

EMETINE HYDROCHLORIDE.—Makers' prices are unchanged at about 100s. to 104s. per oz., according to quantity.

GLYCERIN (B.P.).—The following are current prices for small lots 1-cwt. drum, 81s. per cwt.; 56-lb. tin, 89s. per cwt.; 28-lb. tin, 92s. per cwt., 14-lb. tin, 95s. per cwt., all prices subject to 2½ per cent. discount for cash in twenty-eight days.

HEXAMINE.—Demand is limited, with prices firm at about 2s. 1d. to 2s. 3d. per lb., according to quantity; powder would be cheaper.

IODIDES.—Steady at the recent advance, as follows:—POTASSIUM IODIDE, B.P.—112 lb., 8s. 8d.; 28 lb., 9s. 2d.; 14 lb., 9s. 8d.; 7 lb., 11s. 4 lb., 11s. 6d.; smaller quantities, 12s. per lb. SODIUM IODIDE, B.P.—28 lb., 9s. 6d.; 14 lb., 10s.; 7 lb., 11s. 7d.; 4 lb., 12s. 3d.; smaller quantities 13s. 1d. per lb. IODOFORM, B.P.—28 lb., 12s. 1d.; 14 lb., 12s. 7d.; 7 lb., 14s. 9d.; 4 lb., 15s. 7d.; smaller quantities, 16s. 5d. per lb. IODINE RE SUBLIMED, B.P.—112 lb., 9s. 11d.; 28 lb., 10s. 5d.; 14 lb., 10s. 11d.; 7 lb., 12s. 6d.; 4 lb., 13s. 2d.; smaller quantities, 13s. 11d.

All prices net. Any quantity delivered carriage paid to buyer's domicile in Great Britain. Orders for 14 lb. and upwards permitted to be of assorted preparations at relative scale prices. All packages extra. Contracts bookable for 112 lb. and upwards of assorted preparations for delivery as required within three months, with rise-and-fall clauses. On quantities of 5 cwt., taken in one delivery or on contract for delivery within three months, rebate of threepence per lb. allowed off minimum price. Rebate on contract becomes due only when such contracts have been called up within specified period. Prices are quoted subject to an undertaking on buyer's part not to re-sell any product a prices and terms below scale for such quantities current at time re-sale is made.

MERCURIALS.—Fixed prices for the metal came into operation on May 3. Controlled prices for the following salts are unchanged:—

Mercury Compound	Over 7 lb. but less than 28 lb.	28 lb. and over but less than 1 cwt.	1 cwt. and over but less than 2 cwt.	2 cwt. and over but less than 5 cwt.	5 cwt. and over
Bichloride, powder ..	s. d. 12 0	s. d. 11 8	s. d. 11 7	s. d. 11 6	s. d. 11 4
Bichloride (industrial quality) ..	12 0	11 8	11 7	11 5	11 3
Bichloride, lump ..	12 7	12 3	12 2	12 1	11 10
Ammonium chloride, powder ..	13 10	13 6	13 5	13 4	12 10
Ammonium chloride, lump ..	13 8	13 4	13 3	13 2	12 8
Chloride (mercurous) ..	14 2	13 10	13 9	13 8	13 6
Oxide, red crystalline, B.P. ..	15 11	15 7	15 6	15 5	15 3
Oxide, red levigated, B.P. ..	15 5	15 1	15 0	14 11	14 11
Oxide, red technical ..	..	..	..	All quantities—14s. 8d. per lb.	..
Oxide, yellow levigated, B.P. ..	15 4	15 0	14 11	14 10	14 10
Oxide, yellow technical ..	..	..	..	All quantities—14s. 4d. per lb.	..

Packages free for quantities of 28 lb. and over; delivery free on orders of £20 and over.

METHYL SALICYLATE.—Makers quote five-cwt. lots at 1s. 8½d. per lb., one cwt. lots at 1s. 9d., and small quantities in bottles at 1s. 11d. per lb.

METHYL SULPHONAL.—Dealers report quiet business, with values unchanged at about 39s. to 41s. per lb., ex store.

PARALDEHYDE.—Moderate inquiry, values unaltered. Quantities, in one-cwt. carboys, about 1s. to 1s. 1d. per lb.

PHENACETIN.—Ordinary quantities are quoted by makers at about 3s. 9d. to 4s. per lb., without engagement. Dealers ask about 9s. per lb.

PHENAZONE.—Dealers' prices range from about 18s. 6d. per lb. for bulk quantities to about 23s. per lb. for small parcels, ex store.

PHENOL.—The Coal Tar Controller (Ministry of Mines) has agreed with phenol producers a schedule of fixed prices for phenol. Each producer now requires a licence to dispose of his production, which must be supplied in directions indicated by the Controller; licences have been issued for May and June, and thereafter will be issued quarterly. The phenol suppliers are prepared to consider contracts for delivery in May and June, and in each quarterly period thereafter commencing July 1, October 1, January 1 and April 1, subject always to the issue of the necessary licence for disposal. Prices per lb. will be as follows:—In non-returnable drums without overkegs:—Under one ton, 10½d.; one ton and under two tons, 10½d.; two tons and under five tons, 10d.; five tons and under ten tons, 9½d.; ten tons and under twenty tons, 9½d.; twenty tons and over, 9½d.

PHENOLPHTHALEIN.—Makers' prices are as follows: Less than 7 lb., 4s. 2d. per lb.; 7 lb., 4s. 1d.; 14 lb., 4s.; 28 lb., 3s. 11d.; one cwt., 3s. 10d.

QUININE.—The sterling price for sulphate, based on American dollars, is £14 17s. 5d. per 100 oz., f.o.b. Java.

SACCHARIN.—550 continues to be quoted at Convention rate of 98s. 4d. per lb., duty paid. Prices are not under Government control.

SANTONIN.—Convention prices are as follows: 15 kilos and over, £35 10s.; not less than 10 kilos, £36 5s.; not less than 5 kilos, £37; less than 5 kilos, £38 per kilo, delivered free in the U.K.; 1-kilo tins free.

VANILLIN.—Makers' prices are as follows: Ex clove oil or guaiacol, five cwt., 18s. per lb.; one cwt., 18s. 1½d.; 56 lb., 18s. 3d.; less than 56 lb., 18s. 6d., carriage paid in U.K. Tins in cases returnable to makers.



## Crude Drugs

**AGAR.**—Spot stocks of unrestricted material are becoming low, but, as demand continues, prices are steadily advancing. Spot, more or less minimal, as follows: Kobe No. 1, 10s. 6d. per lb.; Kobe No. 2, 18s. 6d.; Okohama No. 1, 18s. 6d. per lb. A few bales of Kobe No. 1, for medicinal use only, are stated to be available on spot at 17s. per lb. Some supplies float, for bacteriological use only, are offered at 12s. per lb., duty paid.

**ALOES.**—In the absence of stocks of Curaçao, the continued steady demand cannot be met. Efforts continue to be made to purchase goods from Curaçao in sterling, but as the suppliers require payment in United States dollars the position is one of considerable difficulty. The last suggested price for shipment from Curaçao via New York was on the basis of 350s. per cwt., c.i.f. Cape, in fair supply, is unchanged at about 55s. 60s. per cwt., on spot.

**ANTIMONY.**—A fair business is being done in English regulus, and quotations are steady at £85 per ton, delivered, for minimum 99 per cent.; foreign regulus, £88 to £91 per ton, ex warehouse, duty paid; Chinese, for prompt shipment, £76 to £80 per ton, c.i.f.

**ARNICA FLOWERS.**—Dealers are quoting about 2s. 6d. to 2s. 9d. per lb. for small spot supplies.

**BALSAMS.**—Firm as quoted. *Tolu*, dearer on spot at about 8s. 6d. per lb.; *Canada*, in quiet demand at about 7s. 9d. per lb.; *Copaiba*, B.P., unchanged at about 3s. 6d. per lb.; *Peru*, 7s. 3d. to 7s. 6d. per lb.

**BENZONIN.**—In steady routine demand, dealers quoting spot supplies of Umatra at £5 10s. to £6 15s. per cwt., ex store.

**BISMUTH METAL.**—A fair business is being done at the unchanged price of one dollar 25 cents per lb.

**BUCHU.**—Forward quotations for new-crop are steady at about 2s. 7½d. per lb., c.i.f., for f.a.q.; spot, about 3s. 2d. to 3s. 4d., as to quality.

**CAMPHOR.**—Demand continues slow; values are unchanged. Japanese, tablets, about 6s. per lb., if available; slabs, in small supply, about 5s. 4d. per lb.; flowers, if available, about 5s. 4d. per lb. No business appears to have been possible with Japan. Continental synthetic, quoted unchanged: powder, 5s. 3d.; tablets, 5s. 6d. per lb., ex store. English refined, steady, as follows: Flowers, one cwt., 6s. 3d.; 28 lb., 6s. 4d.; less than 28 lb., 7s. 5d. per lb. Transparent tablets, 4-oz.: One cwt., 6s. 9d.; 28 lb., 7s. 10d.; less than 28 lb., 6s. 11d. per lb.

**CANTHARIDES.**—Forward quotations for Chinese remain at about 6s. 6d. per lb., c.i.f. Some parcels afloat are offered at 6s. per lb., landed. Spot supplies are small, but a few cases may be available at about 6s. 6d.

**CARDAMOMS.**—Dull, with quotations unchanged. Aleppy greens, spot, about 3s. 6d. per lb.; shipment, about 3s. 10d. per lb., c.i.f. Bombay seed, spot, about 4s. 3d. to 4s. 4d. per lb.; shipment, about 4s. 6d. per lb., c.i.f.

**CASCARA SAGRADA.**—Spot stocks are low, and the value would be about 10s. per cwt., duty paid; shipment remains at 10s. 6d. per cwt., c.i.f.

**CASCARILLA.**—First-hand stocks now appear to be exhausted, and no quotations are available. Further supplies are reported to be on the way.

**CHILLIES.**—Quotations are nominal. Spot, Mombasa, 145s. per cwt.; Serra Leone, spot, 140s. per cwt.

**CINEHONA BARK.**—Occasional small business. Dealers quote *Calisaya* at about 1s. 11d. per lb., ex store.

**CLOVES.**—Firm, with spot prices continuing to show an upward tendency. Zanzibar, spot, 1s. 7d. per lb., value; shipment, grade 2, unaltered at 1d. per lb., c.i.f., nominal. Madagascar, spot, 1s. 6d., value, in bond.

**COCOA BUTTER.**—The maximum price, as fixed by Ministry of Food Order, is 1s. 5½d. per lb., ex factory or warehouse.

**COCONUT (DESICCATED).**—Maximum wholesale price, fixed by a Ministry of Food Order dated February 3, is 49s. per cwt.

**COLOCYNTH.**—Quiet; spot holders of small quantities of good white pulp ask about 3s. per lb.

**DAMIANA LEAVES.**—Prices are nominal in the absence of spot stocks.

**DANDELION ROOT.**—Some Indian root is stated to be available on spot at about 150s. per cwt., ex store.

**DERRIS ROOT.**—There has been good inquiry. Dealers quote at about 1s. 1d. to 1s. 4d. per lb., according to test; powder would be dearer. A parcel of Timbo powder, rotenone content 5½ per cent., is available at 1s. 9d. per lb. on spot.

**DRAGON'S BLOOD.**—Spot quotations for fair re-boiled continue to be in the region of £27 per cwt., ex store.

**ERGOT.**—Considerably more demand has been received this week. Spanish-Portuguese is dearer on spot at about 8s. 9d. to 9s. per lb., ex store; shipment would be in the region of 7s. 6d. per lb., c.i.f., but it is difficult to obtain offers from the source.

**EUONYMUS BARK.**—Dearer. Dealers' spot quotations are now in the region of 3s. 6d. per lb., ex store.

**GUM ACAEIA.**—Steady, with business fair. Spot price of Kordofan cleaned sorts is unchanged at about 100s. per lb., ex store, but shipment is dearer at about 51s. 6d. per cwt., c.i.f. Bleached, spot, from 170s. to 220s. per cwt., according to quality.

**HYDRASTIS.**—Occasional inquiry is noted; the spot prices quoted by dealers are about 19s. per cwt. for tested and about 17s. 6d. to 18s. for untested, ex store.

**IPÊCACUANHA.**—The past week or two have seen a considerable diminution of spot stocks, and present supplies would seem hardly adequate to meet the demand. The nominal spot price of Matto Grosso remains at about 18s. 6d. per lb., ex store; shipment, 13s. to 13s. 3d. per lb., c.i.f. Spot quotations for Minas are steady at about 10s. 6d. to 10s. 9d. per lb.; shipment, about 8s. to 8s. 3d. per lb., c.i.f. EXT. IPÊCAE. 110s., steady at 6s. per lb., for minimum lots of twelve winchesters.

**LOBELIA HERB.**—Dealers' quotations for small spot supplies are maintained at about 1s. 8d. to 1s. 9d. per lb., ex store.

**MENTHOL.**—Quiet conditions are reported. The spot price for Chinese remains steady at about 27s. to 27s. 6d. per lb., according to seller; shipment, May-June, about 22s. to 23s. per lb., c.i.f. Japanese, spot, a few cases available at about 30s. per lb., ex store.

**MERCURY.**—Now subject to price control under the Control of Mercury (No. 6) Order. Maximum selling prices are fixed both for bottles of 76 lb. and for smaller quantities. The following instructions for ascertaining the maximum prices appear in the new Order (all prices quoted per lb. are for naked material):—

	"Commercially pure virgin mercury," i.e., mercury having the degree of purity with which it was sent out from the mine	Mercury redistilled and certified by the seller as having a degree of purity not less than the standard known as "B.P."	Mercury of the description known as "A.R." and being of the purity required by the standard known as Analar
A. Packed in bottles of 76 lb. net weight of contents as received from the mine and not opened before delivery to the buyer.	<i>per bottle</i>	<i>per bottle</i>	<i>per bottle</i>
In quantities of:			
11 bottles and over . . . .	£48	—	—
1 bottle and over but less than 11 bottles . . . .	£48 15s.	—	—
B. Otherwise than as in A.	<i>per lb.</i>	<i>per lb.</i>	<i>per lb.</i>
In quantities of:			
56 lb. or more . . . .	13s. 2d.	14s. 2d.	15s. 2d.
14 lb. and over but less than 56 lb. . . .	13s. 3d.	14s. 3d.	15s. 3d.
Less than 14 lb. . . .	13s. 4d.	14s. 4d.	15s. 4d.

The Ministry of Supply are prepared to sell mercury (commercially pure virgin mercury) to approved buyers, but no applications will be considered except for eleven or more standard bottles of 76 lb. net; inquiries for smaller quantities or for quantities not comprised in standard bottles of 76 lb., or for redistilled mercury, should be addressed to mercury dealers as formerly. Mercury will be sold until further notice by the Ministry at £47 15s. per bottle ex warehouse in the United Kingdom.

**NUTMEGS.**—Firm and dearer. Eastern browns, spot, 65's, 2s.; 80's, 1s. 10d.; West Indian, spot, 80's, 1s. 6d.; 90's, 1s. 3d.; wormy and broken, 1s. 2d. per lb.

**ORANGE PEEL.**—The spot value of small quantities of bitter quarters would be in the region of 1s. 11d. per lb.; thin-cut, if available, would be worth 3s. 6d. per lb. on spot.

**PEPPERS.**—Steady, with prices about unchanged. Lampong, spot, in bond, 7d. per lb., value; Tellicherry, spot, 7½d. per lb.; Aleppy, spot, 7½d. per lb., sellers. White Muntok, spot, in bond, 10½d. per lb., sellers; shipment, unquoted.

**PIMENTO.**—Remains firm, with spot price unchanged at 1s. 9½d. per lb., sellers; new-crop, for May-June shipment, 150s. per cwt., c.i.f., nominal.

**PODOPHYLLUM.**—*Emodi* is quoted by dealers at about 60s. per cwt.

**PYRETHRUM.**—Dealers' spot quotations for Kenya flowers are in the region of 175s. per cwt., ex store. It is understood that the price to importers of large quantities is at appropriately lower figures.

**QUASSIA CHIPS.**—Dealers' prices for small supplies are steady at about 30s. per cwt., ex store.

**RHUBARB.**—Spot prices of rough-round are firm and range from 5s. 10½d. to 6s. 3d. per lb., according to owner and quality; shipment, about 4s. 2d. to 4s. 5d. per lb., according to shipper and guarantee of quality. Shensi, spot, bold-round, about 8s. 6d. per lb.; medium to small, about 8s. per lb.

**SEEDS.**—ANISE.—Bulgarian, spot, duty paid, 142s. 6d. CANARY.—Nothing available on spot. CARAWAY.—Dutch, spot, duty paid, 280s.; nominal. CORIANDER.—Indian, spot, 95s., duty free; Morocco, 137s. 6d., duty paid. CELERY.—Indian quoted at 130s., c.i.f. CUMIN.—Malta, spot, 140s., duty free; Morocco, 140s., duty paid. DILL.—Indian, spot, nominal at 85s. duty free. FENNEL.—Persian, spot, 80s., duty paid. FENUGREEK.—Morocco, spot, 45s., duty paid, ex store London or Liverpool. MUSTARD.—English, 90s. to 98s., according to quality.

**SENEGA.**—The spot price has remained steady at about 5s. 3d. per lb.; shipment, about 4s. 9d. per lb., c.i.f.

**SENNA.**—Prices steady; demand quiet. Tinnevely, spot supplies small. No. 1 leaves, 10d. per lb.; No. 2 leaves, 6½d.; No. 3 leaves, 5d. per lb. Hand-picked Tinnevely pods, if available, 1s. to 1s. 3d. per lb.; manufacturing pods, 6d. to 7d. per lb. Alexandrian hand-picked pods, a few small lots at 5s. 6d. to 7s. 6d. per lb.

**SERPENTARY ROOT.**—Dealers quote at about 4s. per lb., ex store.

**SHELLAC.**—Spot unchanged; shipment easier. Standard TN orange, spot, 102s. 6d. per cwt.; shipment, easier at 73s. 6d., c.i.f., sellers. Pure button, nominal on spot at 120s. per cwt.; fine orange, unchanged at 115s. to 170s. per cwt.

**SLIPPERY ELM BARK.**—Dealers' spot quotations for grinding quality are valued at about 1s. 2d. per lb.; wired bundles, if available, would be worth approximately 2s. per lb.



**SQUILL.**—Some supplies of Indian are reported afloat, for which the value will be about 110s. to 120s. per cwt., landed.

**STRAMONIUM LEAVES.**—Spot quotations for Indian are unchanged at about 110s. per cwt.

**STROPHANTHUS.**—Small spot sales of 100 per cent. Kombé are being made at 10s. to 10s. 6d. per lb. Some export business is also reported.

**TRAGACANTH.**—Medium grades are quoted steady as follows: No. 1, white, £120, nominal; No. 2, white, £110, nominal; No. 3, white, £95; pale leaf, £70 to £75; amber leaf, £42; red leaf, from £17; woody and hoggy, from £10 10s., ex store.

**TURMERIC.**—Madras finger, spot, sold at 60s.

**WAXES.**—**BEES'.**—Steady; values unchanged. Spot, 205s.; in bond, 190s.; shipment, Dar-es-Salaam, 185s. per cwt., c.i.f. Japanese, first three brands, spot, duty paid, 150s.; in bond, 135s.; shipment, nominal. **CARNAUBA.**—Spot, fatty grey, 445s.; chalky grey, 435s.; Primeira, 500s.

### Essential and Expressed Oils

**ANISE (STAR).**—Spot prices continue firm, and demand is on a fair scale. Spot, tins in cases, about 8s. per lb.; drums, about 7s. 9d. per lb., ex store; shipment, tins in cases, about 4s. 9d.; drums, about 4s. 6d. per lb., c.i.f.

**BAY.**—Values fully steady, with a fair trade passing. Spot quotations are in the region of 6s. 6d. to 7s. per lb., ex store.

**BOIS DE ROSE.**—Dealers' spot prices steady, with business limited to small orders. Spot, about 15s. per lb.

**CAJUPUT.**—Continues steady, with only small trade passing. Dealers quote spot at about 6s. 6d. per lb.

**CANANGA.**—Not much business is passing, but values are well maintained. Spot, in the region of 20s. per lb.

**CASSIA.**—Spot stocks are small, and prices are firm. Spot quotations are nominal at about 12s. per lb.

**CEDARWOOD.**—Business small, with dealers' prices about steady. Spot, American, about 2s. 4½d. to 3s. per lb.

**CINNAMON LEAF.**—Values continue steady, but business is of a minor character. Spot, about 4s. 6d. to 5s. 6d. per lb. for small lots.

**CLOVE.**—Firm. Spot quotations for English-made oil are in the region of 10s. 6d. to 11s. per lb. Imported oil, if available, would be worth about 7s. to 9s. per lb. on spot.

**EUCALYPTUS.**—The position in this market shows no change, with spot steady at recent figures. Spot, from 4s. to 4s. 6d. per lb., for 70 to 75 per cent. oil, according to holder, and 4s. 6d. to 4s. 9d. for 80 to 85 per cent.

**GERANIUM.**—Quiet, with only small business passing. Spot quotations for Bourbon and Algerian are in the region of 65s. per lb.

**GRAPEFRUIT.**—Firm, with supplies rather difficult. Genuine Californian is now valued on spot at about 15s. to 16s. per lb.

**GROUNDNUT.**—The controlled price for large bulk quantities of refined deodorised is unchanged at £40 per ton, naked ex works.

**LAVENDER.**—Steady and unchanged; business slow. Spot, from 65s. per lb. for good-quality oil.

**LEMONGRASS.**—Reported firm. Dealers' quotations for spot are now at approximately 6s. per lb.

**LIME.**—Steady and unchanged. Genuine West Indian, spot, about 30s. per lb., with other qualities at lower prices.

**LINSEED.**—Controlled price for large bulk quantities of crude, naked ex works, is unchanged at £41 10s. per ton. Distributors' prices for ordinary quantities would be higher.

**MUSTARD.**—Quotations for British-made synthetic are steady at about 18s. 6d. to 20s. per lb., according to quantity.

**NUTMEG.**—Firm; demand slow. Spot, from 20s. per lb.

**OLIVE.**—The Ministry of Food controlled price to importers for large bulk quantities in 50-gal. drums is unchanged. Distributors' prices for a few gallons, in gallon tins, carriage paid, range from 12s. 6d. to 13s. 6d. per gall., as to quantity.

**ORANGE.**—Steady. Californian, quoted in sterling at 6s. 6d. to 7s. per lb., in small drums, ex store, duty paid. Spot values for other grades would be at about 17s. 6d. to 20s. per lb.

**PALMAROSA.**—Firm, with values unaltered. Spot, nominal at about 18s. per lb., ex store, if available; shipment, new-crop, about 14s., c.i.f.

**PATCHOULI.**—Spot quotations for Singapore remain in the region of 45s. to 50s., and for Seychelles at about 40s. to 45s. per lb.

**PEPPERMINT.**—Both Chinese and Japanese have been in good demand. Chinese, spot, in small supply, is quoted at about 16s. 6d. to 17s. per lb. Business is reported done in oil now afloat, and due in about a month, at 15s. per lb., c.i.f.; shipment, May–June, unchanged, at about 9s. per lb. c.i.f., buyers' licence. Japanese, spot, about 18s. per lb. American, spot, firm at about 22s. to 24s. per lb., ex store; shipment, drums, about 18s., and tins in cases, about 18s. 6d. per lb., c.i.f.

**PETITGRAIN.**—Spot, nominal at about 14s. per lb.; no shipment offers.

**PINE.**—Business steady; values unchanged. Siberian, spot, about 10s. to 12s. per lb.; Punilio, if available, about 25s. per lb.

**SPEARMINT.**—American, quoted on spot at about 19s. per lb. for small quantities, if available.

**THYME.**—Dealers' spot prices for good-quality oil are maintained at about 14s. per lb., with other grades at lower prices.

**VETIVERT.**—Bourbon is quoted on spot at the nominal price of 50s. per lb., and Java at between 35s. and 40s. per lb.

## CORRESPONDENCE

Correspondents may adopt an assumed name, but must in all cases furnish their real name and address to the Editor

To all Companies and Firms and Individuals carrying on Business in the City of London.

### London's War Weapons Week

SIR,—If the time at my disposal and the strength of my hand permitted, I should like to write a personal letter to every citizen of London asking for co-operation in making London's War Weapons Week—commencing on May 17 and culminating on Empire Day May 24—an outstanding success. While all the Metropolitan Boroughs, the neighbouring Essex towns and the county of Middlesex are co-operating, the City of London is naturally expected to take the lead.

It is my belief that the citizens of London, its great commercial organisations, financial houses, exchanges and markets, and all those whose interests are centred in our ancient City, will welcome this opportunity to show the world, by making a truly magnificent response to this effort, how determined we are that the war shall be pressed to a victorious conclusion, and that to this end our sea and air Forces shall be provided with all the weapons of war they need. The different forms of War Bonds to which the public are invited to subscribe are the following:—

2½ per cent. National War Bonds, 1946–48.

3 per cent. Saving Bonds, 1955–65.

3 per cent. Defence Bonds (limit £1,000).

In addition, individuals may make deposits in the Post Office Savings Bank, the Trustee Savings Banks, and purchase National Savings Certificates.

I need hardly point out that investment in any of these provides the finest security Great Britain can offer, a good rate of interest and the satisfaction of assisting the country in the war effort. The eyes of friends and enemies alike are upon us; let us encourage the former and strike a deadly blow at the latter by making a record contribution to victory in London's War Weapons Week.

GEO. H. WILKINSON,

Lord Mayor.

The Mansion House,  
London, E.C.4.

### Saccharin

SIR,—In the public interest it is not time that either the price or the sweetening value of this much-sought-after commodity was controlled? I purchased at our grocers a packet labelled "Tablets containing Saccharine, each equal to a normal size piece of Sugar," the assistant adding "You will want some sugar as well." The packet contained fifty and the price was sixpence. On comparison with the full-strength tablets obtained with great difficulty from the local chemist, the sweetening value was found about one half or less. The chemist paying 8s. 6d. per doz. of 100 and selling fifty (full strength) for sixpence is certainly not profiteering.—Yours truly,

H. W. HARRIE.

Twickenham.

### For Professional Services

SIR,—The following "Drops for the ear" prescription was "dispensed" for a customer of ours, on holiday in Ilfracombe, for the princely sum of 7d. (s.v.):

Sol. argyrol 5 per cent. Mitte 3ss.

Our charge (s.v.) was 1s. 6d. and the script was marked by us (who had previously dispensed it) in the N.P.U. code. Apart from the considerations that arise from the under-cutting of our price, we wonder what value the pharmacist in Ilfracombe places upon his training, qualification and experience. When certain of our number let down pharmacy in this way, it is no wonder that our professional duties are not valued more highly by Government departments.

Yours faithfully,

Bath.

E. C. HASKINS & Co.

### Pharmaceutical Man-power

SIR,—A pressing problem pharmacists have to face is the effect on their calling of the alteration in the Schedule of Reserved Occupations rendering pharmacists under the age of thirty liable for military service. (*C. & D.*, May 3, p. 277.) It would be an utter waste of trained and skilled personnel for pharmacists to be taken away from their usual occupation and placed in some position where their experience was useless. If there are not sufficient openings in the Royal Army Medical Corps are there not possibilities in other branches of national work where they could use their knowledge, such as civilian hospital posts, A.R.P. first-aid posts, care of pharmaceutical stocks, and similar jobs? Women are also affected under compulsory registration.—Yours faithfully,

OVER AGE (5/5).





# MALE HORMONE THERAPY

*with*

## PERANDREN

*Trade Mark Registered*

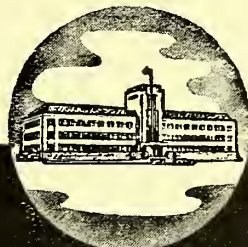
Continuity of treatment with testosterone propionate, the male sex hormone, in both male and female endocrine dysfunction is assured as PERANDREN is now a

### BRITISH PRODUCT

available in ampoules containing 5, 10 and 25 mg./c.cm. prepared in the Ciba Laboratories

Percutaneous inunction may also be carried out with PERANDREN OINTMENT containing testosterone 2 mg./g.

# Ciba Limited



THE LABORATORIES, HORSHAM, SUSSEX  
TELEPHONE: HORSHAM 1234. TELEGRAMS: CIBALABS, HORSHAM





# Hubbuck's Pure Oxide of Zinc

is made by sublimation and is  
warranted to contain upwards of

**99.9 PER CENT**

of pure oxide; in fact, the  
impurities are not traceable

*Thos. Hubbuck & Son, Ltd.*

ESTABLISHED 1765

**24 Lime Street, London, E.C.3**

MANUFACTURERS OF WHITE LEAD, WHITE  
ZINC, PAINT, OILS, COLOURS, VARNISHES, &c.

*Australian Office : 34 Queen Street, Melbourne*

*Sold by the following Wholesale Druggists  
in Boxes of 7 lb. and 14 lb. stamped by  
the Manufacturers : also in 1-lb. Boxes  
and 1-lb. Glass Bottles :*

Allen & Hanburys, Ltd.	Hirst, Brooke & Hirst Ltd.
Ayrton, Sanders & Co., Ltd.	Horner, L. A., & Sons
Bell, Jno., & Croyden	Huskisson, H. O., & Co.
Bell, John, Hills & Lucas Ltd.	Lofthouse & Saltmer, Ltd.
Blensdale, Ltd.	Mackay, Jno., & Co., Ltd.
Boots Pure Drug Co., Ltd.	May, Roberts & Co., Ltd.
British Drug Houses, Ltd.	Oldfield, Pattinson & Co.
Brook, Parker & Co., Ltd.	Pinkerton, Gibson & Co., Ltd.
Burgoyne, Burdidge & Co.	Potter & Clarke, Ltd.
Butler & Crispe Ltd.	Raines & Co.
Cockburn & Co., Ltd.	Raines, Clark & Co., Ltd.
Dakin Brothers, Ltd.	Rankin & Horland
Duncan, Flockhart & Co.	Silversides, R. B. G.
Evans, Gadd & Co., Ltd.	Smith, T. & H. Ltd.
Evans Sons Lescher & Webb, Ltd.	Southall Bros. & Barclay, Ltd.
Ferris & Co., Ltd.	Sumner, R., & Co.
Gale Sales & Co., Ltd.	Taylor, Jas. (Tringate), Ltd.
Glasgow New Apothecaries Co.	Thompson, John, Ltd.
Goodall, Backhouse & Co., Ltd.	Wilkinson & Simpson, Ltd.
C. R. Harker Stagg & Morgan, Ltd.	Willows, Francis, Butler & Thompson, Ltd.
Harkness, Beaumont & Co., Ltd.	Woolley Jas. Sons & Co., Ltd.
Hatrick W R., & Co.	Wright, Layman & Umney, Ltd.
	Wyleys (Ldm)

Barry, E. J., New York	Muth Brothers & Co. Balti- more
Finlay Dicks & Co., New Orleans	Palmer, Ltd., Montreal
E. Fougere & Co.	S. H. Penick & Co., Inc., New York
98-92 Beekman Street New York	Roller & Shoemaker, Phila- delphia
Chas. L. Huisking & Co., Inc.	Schieffelin & Co. Inc., New York
155 Varick St., New York	Shoemaker & Busch, Phila- delphia
Lehn & Fink, Inc., N York	
McKesson & Robbins, Inc., New York	

**PILLS  
TABLETS  
CAPSULES**

The  
British  
Made  
Products  
of

**HOWARD LLOYD & CO LTD  
LEICESTER**

**GUMS SHELLACS**

and

**WAXES**

Acacia  
Tragacanth  
Karaya  
Benzoin  
Copal  
Mastic  
Damar

Japan Wax, White  
Bees Wax, Candelilla  
Wax, Carnauba Wax

Official Agents :

**ANGELO BROS. LTD  
SHELLACS**

In natural  
and powder  
form

**A.F. SUTER & CO. LTD**

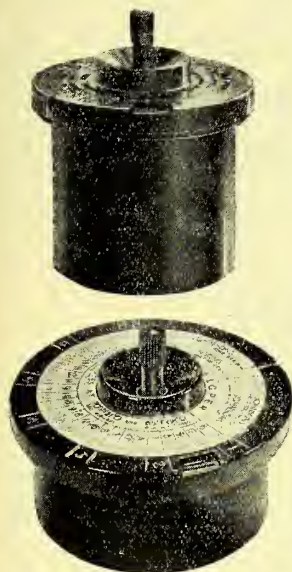
133 FENCHURCH ST., LONDON, E.C.3

Phones, Mansion House 0347 (2 lines). Grams, Suterresin, Fen, London



# Have you a full stock of

## Johnson's TANKS and CHEMICALS?



Photography is an "all-the-year-round" hobby. It is a mistake to use the word "season" in relation to it. It is constantly practised by keen amateurs at all times of the year—and there is always a steady demand for Johnson's Chemicals, which are the backbone of Photography.

Since the Limitation of Supplies Order does not apply to them, you can meet this demand. The photographer who does his own developing and printing has many requirements. Some are illustrated here. Others include Fixing Salts, Intensifiers, Reducers, Photo Tints, Varnishes, etc. Make a prominent display of these and local amateurs will respond.

Write now to C/D Dept. for your supply of "Silent Salesman" and leaflets.

JOHNSON & SONS Manufacturing Chemists LTD. HENDON, N.W.4

### TO PHARMACISTS OF THE NORTH WE OFFER

PROMPT SERVICE: KEEN PRICES: SOUND QUALITY, AND FREQUENT MOTOR VAN DELIVERIES IN THE TYNE, WEAR AND TEES AREAS.

For fuller particulars consult page 66  
THE CHEMIST & DRUGGIST DIARY AND YEAR-BOOK, 1936

**BRADY & MARTIN, Ltd.** Northumberland Rd., NEWCASTLE-ON-TYNE



# MILLAMALT

*The* TONIC  
MALT FOOD

With Guaranteed Complement of Vitamins A, B, C & D.

*Sole Manufacturers.*  
JEFFREYS, MILLER & Co. Ltd. Leyland Mills, WIGAN. London Dept. 19 Brookside Road, N.19

WE SPECIALIZE IN  
THE MANUFACTURE OF

## GALLIC ACID-PYROGALLIC ACID

PURE & TECHNICAL

RESUBLIMED, PURE CRYSTAL & TECHNICAL

WHOLESALE & EXPORT ONLY. Enquiries Invited

**J. L. ROSE, LIMITED, ABBEY ROAD, BARKING, ESSEX**

TELEPHONE: RIPPLEWAY 2762

TELEGRAMS: "GALLIC, BARKING."



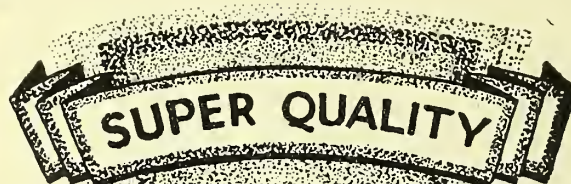
BRITISH MADE

BY TEST  
THE BEST**"HELLA"**

LATEX PREVENTIVES

HELLA PREVENTIVES ARE HOT VULCANISED AND WILL  
KEEP FRESH IN STORE FOR 3 YEARS IN ANY CLIMATE**24/-** PER GROSS  
PACKED IN  
WALLETS OF THREE

SPECIAL TERMS FOR QUANTITIES

WASHABLES AND BULK GOODS AVAILABLE  
WHOLESALE AND EXPORT ENQUIRIES  
INVITED**JULIAN GROSSE**TENANT HOUSE, 50 GT. PORTLAND ST., LONDON W.1  
Phone: Museum 0060ASK US TO  
QUOTE  
FOR**GLAUBER  
SALTS B.P.  
EPSOM  
SALTS B.P.**Special types of crystals matched. Any degree of exsiccation to order  
PACKED FOR HOME OR EXPORT.  
All grades conform to the 1932 B.P. Standard.**HARRIS, HART & Co., Ltd.**

MOSS HOUSE CHEMICAL WORKS, BLACKLEY,

**MANCHESTER**Telegrams:  
Harp, Blackley, M/c.Telephone:  
Cheetham Hill 2853.**GLAND SUBSTANCES**

IN POWDER, SOLUTION, TABLETS, INJECTIONS

INCLUDING

LIVER • THYROID • ADRENALIN  
PITUITARY • ORCHITIC • OVARIAN

STOCKS AVAILABLE

We specialise in

"OWN FORMULA" Pharmaceutical  
Products in Tablets, Solutions,  
Ampoules or Capsules and invite Trade  
enquiries for Home and ExportAll our well-known specialities are  
obtainable through your wholesalers

BRITISH MADE BY

**GEDEON RICHTER** (Gt. Britain) **LTD.**RICHTER HOUSE, WEEDINGTON ROAD  
LONDON, N.W.5

TELEPHONE: GULiver 3478-9

**We Ship**ACONITE, ALESTONIA BARK, BELLADONNA  
LEAVES, BELLADONNA ROOT, BERBERIS, ASA-  
FOETIDA, BRYONIA, CALUMBA ROOT, CHIRETTA  
(Indian Variety, B.P.), COLCHICUM CORMS, DAN-  
DELION, DATURA METEL LEAVES, DATURA  
STRAMONIUM LEAVES, EPHEDRA VULGARIS,  
GLYCYRRHIZAE, HYOSCAMUS NIGER LEAVES,  
JUNIPER BERRIES, PODOPHYLLUM, RHUBARB  
RADIX, INDIAN SQUILLS, VALERIAN ROOT, RED  
PEPPER FRUIT, ETC., of guaranteed standard quality

ENQUIRIES INVITED

**MEHTA BROTHERS**

LAWRENCE ROAD - AMRITSAR - INDIA

**Ergoapiol-(Smith)**  
REG. U. S. PAT. OFF. & FOREIGN COUNTRIESAn adequate stock of ERGOAPIOL is assured by our  
Supplied only in packages of twenty capsules each.  
For the mutual protection of the ethical pharmacist, the physician and our  
product, the initials "MHS" are embossed on the inner surface of each cap-  
sule, visible only when capsule is cut in half at seam as shown.**MARTIN H. SMITH COMPANY**  
NEW YORK, N.Y., U.S.A.THOS. CHRISTY & CO., 4, OLD SWAN LANE, LONDON, E.C.4  
Agents for Great Britain and Ireland

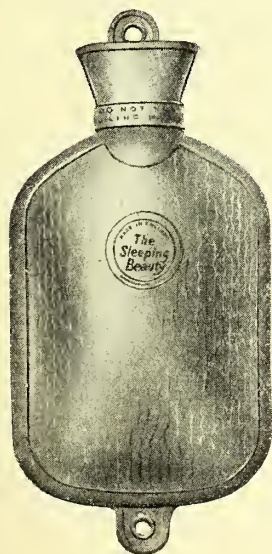


# Reliance

REGISTERED TRADE MARK

. . . still make the best moulded seamless  
Rubber Hot Water Bottles but regret  
they cannot meet the full requirements  
of the Home Markets . . .

As supplies become available your  
wholesaler will have them



**RELIANCE RUBBER CO. LTD.**

ESTABLISHED 1889

**CREMORNE WORKS, LOTS ROAD, CHELSEA  
LONDON, S.W.10**

Telephone. Flaxman 6200

Telegrams, 'Doorstop,' Fulroad. London.

Cables, A.B.C. Fifth Edition or Bentleys.



## Your Customers are still 'taking it'—

—and coming back for more. More YESTAMIN, to strengthen Nerves and Stomach, to restore Energy and to make good the deficiencies of so many wartime foods. YESTAMIN helps your customers—and you—to 'carry on.' Because YESTAMIN is pure dried Brewer's Yeast with a high Vitamin B content and entirely free from drugs you can recommend it with full confidence

# YESTAMIN

VITAMIN YEAST TABLETS & POWDER

YESTACT, too, sells very readily on introduction as a tonic Vitamin Yeast beverage, a delicious sandwich spread and a most nourishing and flavourful addition to Soups, Gravies, Stews, etc.

THE ENGLISH GRAINS CO., LTD., BURTON-ON-TRENT

## FOR PHARMACISTS ONLY

We have just produced a new series of Packed Goods Labels. It is an attractive coloured label, neat in design, and the wording perfectly distinct and legible. Ideal for Modern Windows. Bow Fronted Panel Bottles with Bakelite Screw Caps are used wherever possible throughout the series. The spacing and setting of the name and address is given special care and attention.

Lastly, but most important of all, the quality of the ingredients is the finest possible.

Modern Windows, Counters and Cases deserve Modern Labels.

If this interests you, send for a specimen pack to:

**GALE, BAISS & COMPANY, LTD.**  
274-276 ILBERTON ROAD, LONDON, S.E.15

INCORPORATING THE BUSINESSES PREVIOUSLY CARRIED ON BY  
GALE & CO. LTD. and BAISS BROS. & CO. LTD.  
(ESTABLISHED 1786) (ESTABLISHED 1833)

Phone: New Cross 0094 Grams: "Dreadnought", Peck, London"

*English Filter*  
**POSTLIP**  
*Papers*

SQUARES  
CIRCLES  
FOLDED  
ROLLS

WHITE  
GREY  
PLAIN  
ANTIQUE  
EMBOSSED  
CRINKLED

SAMPLES  
FREE



Postlip Filterings are stocked by all the leading Wholesale Laboratory Dealers.

*Evans, Adlard & Co. Ltd.*  
Postlip Mills, Winchcombe; Cheltenham

**DORSELLA**  
FOOD

... IS THE WORLD'S FINEST  
**MILK FOOD**

YOU CAN RECOMMEND IT WITH EVERY CONFIDENCE FOR CHILDREN, INVALIDS AND FOR GENERAL USE. IT IS A PRIDEAUX PRODUCT, AND SHOWS A GOOD PROFIT

Ask for details and Special Terms

**PRIDEAUX'S PURE CASEIN Co. Ltd.**  
MOTCOMBE - DORSET London Office 16 Southwark St.

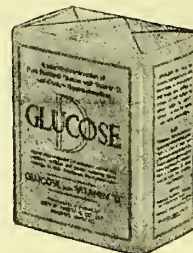
**GLUCOSE  
D**

A new preparation of Pure Medical Glucose with Vitamin D and Calcium Glycerophosphate. It is especially useful for expectant and nursing mothers, and for Debility, Overstrain, Malnutrition

WRITE FOR PRICES

**BROOK,  
PARKER & CO. LTD.**

7, 11 ASHFIELD . HORTON ROAD . BRADFORD





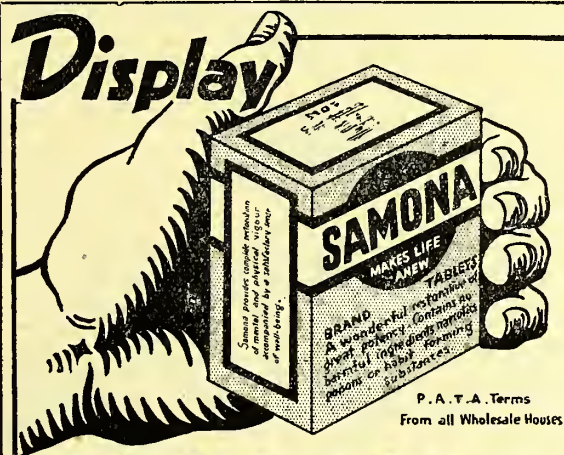
## IMPORTANT TO ALL RETAILERS

In these difficult days of restricted supplies it is more than ever necessary for you to obtain the utmost benefit from your outlay, and in order to do so it is essential to concentrate on lines which sell easily and at the same time show a maximum profit.

In Mercolized Wax and Clynol Berries you have two lines which are still consistently advertised and show a very generous margin of profit. It will pay you to put your quota into Mercolized Wax. Clynol Berries are not affected by the Limitation of Supplies Order.

Mercolized Wax:	
2/6 (inc. tax)	16/- per doz., tax 5/4 doz.
Mercolized Wax:	
4/3 (inc. tax)	28/- per doz., tax 9/4 doz.
Clynol Berries:	
4/5½ (inc. tax)	32/- per doz., tax 5/4 doz.

DEARBORN (1923) LTD., Hellidon House,  
Hellidon, Nr. Daventry, Northants.



# SAMONA

THE WONDERFUL MEDICAL RESTORATIVE  
which brings immediate benefit in all cases of

**NERVE STRAIN  
DEPRESSION**

**TIRED and LISTLESS APPEARANCE  
MENTAL AND PHYSICAL  
EXHAUSTION**

Prices 3s. and 5s. (more than double quantity)

Exclusive of purchase tax

SAMONA, LTD., 16 CHARTERHOUSE ST., LONDON, E.C.1



## FACTORS HAVE LIFTED

# Dō-Dō

## ASTHMA TABLETS

to the position of the largest-selling Asthma Tablet in the country. They are:

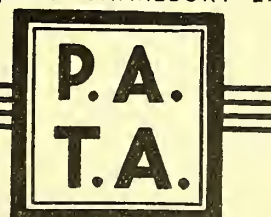
- 1** Excellence of formula and supreme quality of manufacture;
- 2** Consistent and persistent National Advertising; and
- 3** The goodwill and support of "the chemist"

We know you will continue to recommend **Dō-Dō**, the Asthma Tablet which merits your professional commendation

## INTERNATIONAL LABORATORIES LTD.

CHARLBURY, Oxon.

Telephone: CHARLBURY 29







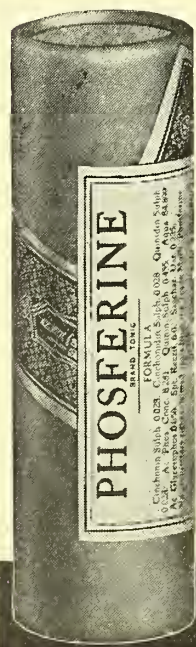
*Ample supplies  
available  
In case of difficulties  
communicate direct with us*

RETAIL  
PRICE

50's — 3/4½  
500's — 27/8½  
(INCLUDING PURCHASE TAX)

BIOLOGICAL TREATMENT OF  
**CONSTIPATION**  
CONTINENTAL LABORATORIES LTD. BRUNEL ROAD. LONDON. W. 3.

# An immense public heavily in favour of Phosferine



With the advent of war came a serious testing time for personal health. That was an opportunity for thousands to take Phosferine, many of whom had never taken a tonic in their lives. The weight of public opinion behind Phosferine has impelled thousands and thousands more to try this 'greatest of all tonics.' So that, today, Phosferine stands in the position of having beaten previous record sales over and over again. Nothing can limit your share in this immense goodwill towards Phosferine but a failure to order in time. Don't be out of stock. Send for both Liquid and Tablets a week too soon rather than a day late.

Phosferine (Ashton & Parsons) Ltd., Phosferine Laboratories,  
King George's Avenue, Watford, Herts.

## THE GREATEST OF ALL TONICS



# The CHEMIST AND DRUGGIST SUPPLEMENT

This Supplement is inserted in every copy of The Chemist & Druggist

28 ESSEX STREET, LONDON, W.C.2

MAY 10  
1941

## IMPORTANT TO SUPPLEMENT ADVERTISERS

Instructions for supplement advertising are now accepted in London and at Bath. London press times have been advanced to first post WEDNESDAY morning of week of issue but instructions will still be accepted up to first post THURSDAY morning if sent to Bath. Advertisements received after these times will be inserted the following week.

### THIS IS THE TARIFF

**AGENCIES, GOODS FOR SALE, PARTNERSHIPS, PATENTS, PREMISES TO LET, FOR SALE or WANTED**

7/6 for 36 words or less, 2d. for every additional word.

Box Office Number 1/- extra.

**SITUATIONS WANTED** { 2/6 for 18 words or less, 1d. for every additional word. Box Office Number 1/- extra.

**LEGAL NOTICES, SALE BY AUCTION, TENDERS—AND ALL SPECIALLY SPACED ANNOUNCEMENTS**

1/9 per nonpareil line. (12 lines = 1 inch, single column.)

Box Office Number 1/- extra.

**BUSINESSES for DISPOSAL, BUSINESSES WANTED, SITUATIONS OPEN**

7/6 for 40 words or less, 2d. for every additional word.

Box Office Number 1/- extra.

**EXCHANGE COLUMN** { 2d. per word, minimum 3/- (for Retailers, etc.) } Box Office Number 1/- extra.

**MISCELLANEOUS SECTION** (for Wholesalers, etc.), for odd and second-hand lots.

12/6 for 60 words or less, 1/- for every additional 10 words or less.

Box Office Number 1/- extra.

ALL ADVERTISEMENTS MUST BE PREPAID. To avoid disappointment send your instructions as early in the week as possible to

THE CHEMIST AND DRUGGIST, THE PITMAN PRESS, BATH  
or to London Office at 28 Essex Street, Strand, London, W.C.2

## OPTICAL TUITION

FOR THE

S.M.C., B.O.A., and N.A.O. DIPLOMA Examinations  
Particulars—

C.A. SCURR, F.S.M.O., F.B.O.A., F.N.A.O., F.I.O., F.C.O., M.P.S.

50 HIGH STREET, BARNET, LONDON, N.

## "TO FIRMS HIT BY LIMITATION OF SUPPLIES"

Manufacturers of widely known brand of hyg. Rubbergoods of outstanding appearance and quality wish to contact wholesale distributors or manufacturing chemists with selected sale force not fully employed. Vast possibilities for right firm. Advertisers are open to discuss these and to agree terms.

CDB/504, London Office of this Paper.

## EDUCATIONAL

FOR Personal Practical Tuition and Correspondence Tuition in Optics and Sight Testing, etc.  
Apply: C. V. BOLTON, F.S.M.C., F.I.O., 1 LORD STREET, LEIGH, LANCs. TEL.: 527.

## AGENCY

WHOLESALE DISTRIBUTORS WANTED IN ALL PARTS OF THE COUNTRY

Well-known firm of Manufacturing Chemists with known proprietary lines which should command large potential sales, are re-organising their selling arrangements. Inquiries are invited from wholesalers and agencies to act as distributors in specific territories throughout the UNITED KINGDOM. Special distributing terms to the right people. Write immediately in strictest confidence to CDB/515, London Office of this Paper.

WE REQUIRE and PAY BEST PRICES for

• **SACCHARIN (SOLUBLE)**

ALSO FOR

• **CITRIC ACID, B.P.,** FINE GRANULAR OR POWDER

• **GLUCOSE POWDER**

in cwt. quantities

WRITE BOX CDB/505, LONDON OFFICE OF THIS PAPER

## BABY KNICKERS

Waterproof. Sizes: small, medium, large

Best untearable .. 10/6 per doz. 114/- per gross  
Matt superfine .. 13/- per doz. 144/- per gross  
Polished oiled-silk .. 28/8 per doz. 326/- per gross

### BABY COT SHEETS

Jaconet: size 22 x 27. 20/9 per doz. 237/- per gross.  
size 36 x 30. 33/6 per doz. 378/- per gross.  
Rubber: fitted with brass eyelets. Size 27 x 18. 29/4 per doz. 334/- per gross.

size 27 x 36. 48/- per doz. 552/- per gross.

### WHITE NURSING APRONS

Jaconet, price 28/- per doz. 312/- per gross.

Rubber, price 42/- per doz. 468/- per gross.

All above goods are waterproof and purchase tax is included in the price.

Immediate delivery. Terms: Net cash with order.

Special prices quoted to the wholesale trade.

Representatives wanted on commission all districts not already covered

L. GOLDSTEIN - (Dept. C.D.) Back 47 Dean Street, BLACKPOOL S.S.

## PRICE LISTS, TRADE CIRCULARS, SAMPLES, AND PRINTED MATTER

can in no case be forwarded, the Box numbers being intended exclusively for specific answers to particular advertisements. The Publisher reserves the right to open and refuse to forward any communications received which he may consider contrary to this rule.



## SITUATIONS OPEN

## RETAIL (HOME)

**HULL.** Registered Pharmacist wanted, lady or gentleman over military age. State age, wages and experience. CDB/513, London Office of this Paper.

## LEEDS INDUSTRIAL CO-OPERATIVE SOCIETY, LTD.

## PHARMACY DEPARTMENT

Have vacancies on the permanent staff for an Unqualified Female Assistant (Unmarried), fully trained and experienced in all branches of Pharmacy.

Applications stating fullest particulars of age, experience and salary required, also references and photograph, if possible, to be addressed to the Secretary, 10 Albion Street, Leeds, 1, endorsed "Pharmacy."

## LEEDS INDUSTRIAL CO-OPERATIVE SOCIETY, LIMITED

## PHARMACY DEPARTMENT

Require several Qualified Chemists who will not be eligible for military service. These appointments will be for the duration only, but priority of consideration in regard to future permanencies will be given to Pharmacists holding temporary appointments with us at the end of the war.

Successful candidates may be required to work as Qualified Assistants for a while until vacancies occur at Branches, when they will then be required to act as Branch Managers.

Special rates of pay commensurate with the responsibilities involved will be offered for war-time appointments.

Applications are invited from either sex, stating age, experience and references, and should be addressed to the Secretary, 10 Albion Street, Leeds, 1, endorsed "Chemist."

**LIVERPOOL.** Male (exempt military service) or Female required for quick retail Counters, Windows, Photographic. Send references, age, height, experience. Recent photo and salary. Permanent. Also similar vacancy at Blackpool branch. Galloway, Chemist, Blackpool.

**LONDON, S.W.** Required experienced Assistant, qualified for dispensing only. Write giving full particulars to Box 725, Sells, Ltd., Brettenham House, Strand, W.C.2.

## NEWCASTLE-UPON-TYNE CITY MENTAL HOSPITAL, GOSFORTH

Female Dispenser required (age not to exceed thirty years); must be member of the Pharmaceutical Society. Salary £200 per annum plus cost of living bonus of, at present, £15 12s. The appointment is subject to the provisions of the Asylums Officers' Superannuation Act, 1909. Form of application, which should be returned immediately, endorsed "Dispenser," may be obtained from the Medical Superintendent.

**NOTTINGHAM.** A Qualified Lady Assistant, tactful and willing, required for medium-class business. No Sunday or holiday duties. Initiative appreciated. Miss Cowley, 18 Alfreton Road, Nottingham.

**WATFORD.** At their branch at 211 St. Albans Road, Watford, Timothy Whites & Taylors require a Female Dispenser, unqualified. Good wages, permanency. Apply giving full particulars to the Retail Drug Department, Timothy Whites & Taylors, Ltd., Claremont Barn, Claremont Lane, Esher, Surrey.

**ASSISTANT** required for good-class Dispensing and Counter work at Kettering branch. Apply, P. Jeyes & Co., Ltd., The Drapery, Northampton.

**APPLICATIONS** invited from Qualified Pharmacists exempt from military service for positions as Branch Managers and Relief Managers for duration of war. Apply in writing, stating age, experience and salary required to Birmingham Co-operative Society, Limited, 422/4 Coventry Road, Birmingham, 10. Endorse "Pharmacy."

**B. SALTER & SON,** 34 Castle Street, Shrewsbury, offer a good post to Lady Assistant, 20 to 25, who has all-round experience of good-class Pharmacy.

**EPPS, THATCHER & CO.** require a Qualified Assistant over thirty years of age, £5 weekly. 60 Jernyn Street, London, S.W.1.

**JUNIOR Assistant,** of either sex, required for good-class Pharmacy. State experience and salary required. H. T. Holme, Ltd., Wallingford, Berks.

**M.P.S.** required as cover, Lady or Gentleman. No Counter work. No Sunday or holiday duty. Easy hours. Send full particulars of age, experience and salary required. E. W. Waltons (Chemist) Ltd., 26 Broadway Buildings, Potters Bar, Middlesex.

**PHARMACY.** Qualified and Unqualified Assistants required as locums; also experienced Females, experienced in Pharmaceutical and General Shop trade. Apply in writing, stating age and experience, to the Staff Manager, Royal Arsenal Co-operative Society, Ltd., 113 Powis Street, Woolwich, S.E.18. Endorse envelope "Pharmacy."

**QUALIFIED** lady or gentleman as cover (age no objection). Very easy post, with no Sunday or half-holiday duty. Please state age and salary required. Apply W. H. Hayward (Torquay), Ltd., 111 Hele Road, Torquay.

**QUALIFIED** or Unqualified Assistant required for Retail Chemist. Hours: 9-6.30. Usual half-day. Good wages. Howard's Drug Stores, Ltd., 184 Old Kent Road, London, S.E.1.

**ROYAL LONDON OPHTHALMIC HOSPITAL (MOORFIELDS EYE HOSPITAL),** City Road, E.C.1. Wanted at once for the duration of the war, Assistant Pharmacist, either Male (reserved) or Female. Hours 8.30 a.m. to 4.30 p.m. with occasional late duty. Salary £200 per annum. Applications with full particulars and testimonials to be sent to the Chief Pharmacist.

**S.C.W.S. LTD.,** Retail Drug Department, 187 Bogmoor Road, have vacancies for two Permanent Female Assistants (Unqualified), also for Unqualified Locums, Male or Female. Applications in writing only.

**UNQUALIFIED** Lady Assistant required shortly. Good Dispenser, and used to good-class Counter and Toilet. Apply with full particulars, age, experience, salary required outdoors, giving references. Photograph if possible. Smalleys, Chemists, 6 and 8 Carr Street, Ipswich.

**WANTED** Qualified Assistant (lady or gentleman) for pharmacy. Permanent position, with good prospects. Applications stating age, experience, salary required, etc., to Jarro & Hebburn Co-operative Society, Ltd., Albert Road, Jarro-on-Tyne. Envelope endorsed "Chemist."

**WANTED,** Two competent Branch Managers, exempt from military service. State salary required and full particulars to Edward V. Abraham, Ltd., Scunthorpe.

**WHITELEY'S,** Bayswater, require fully qualified Pharmacist. Apply Staff Controller.

## LOCUMS AND SEASONAL VACANCIES

**QUALIFIED** Branch Manager over 30 years or otherwise ineligible, required from May 18 for at least six months, with possible extension. Lady M.P.S. acceptable. Apply with full particulars to: Pendleton Co-operative Society, Drug Warehouse, Cobden Street, Salford, 6.

## WHOLESALE

**AN** established Wholesale House in a reception area in the Midlands require the services of Galenical, Wet Room and Dispatch Assistants. Applicants please give full particulars of experience, age, to CDB/517, London Office of this Paper.

**APPLICATIONS** are required for the position of Medical Representative for an old-established firm of British manufacturing chemists handling medical specialities. Applicants should be qualified pharmacists, not eligible for military service, and should have previous experience in medical propaganda. Several permanent positions are open. Write Box 839, c/o Serle Street, W.C.2.

**ASSISTANT** required in Sales Department, Veterinary Section, of British firm of Manufacturing Chemists. Applicants must be capable of dealing with veterinary inquiries and undertaking sales development work with veterinary surgeons. Pharmaceutical qualification and previous experience in selling to veterinary surgeons an advantage. Applicants must give full details of their qualifications and experience, and should be exempt military service. Write Box 843, c/o 8 Serle Street, W.C.2.

**BURROUGHS WELLCOME & CO.** require a Qualified Pharmacist for their Representative Staff. Applicants should possess sound pharmaceutical experience and a knowledge of modern therapeutic agents. Write giving full particulars of age, experience, qualifications, etc., to Reference C.T., 183 Euston Road, N.W.1.

**CAPABLE Unqualified Laboratory.** Cuts over military age, and manufacture. Good wages, full particulars to No. Estate, Bath Road, Slo

**COSTING Clerk** required. Manufacturer. 381/915, London Office

**COUNTER Hands** required. Manufacturers. Apply 3

**DRUG Counter** Hand. Umney, Ltd. App

**ENERGETIC** practitioner. Toilet lines. L. Brilliantines, Powders, perience and salary. Office of this Paper.

**4711** Manufacturers require experienced staff and production; raw materials and finished goods. Write first stating exp. Co., Ltd., Slough.

**INVOICE Clerk** required. Write, stating exp. this Paper.

**LADY Pharmacist,** Wholesale Druggist, progressive salary. Write 381/911, London

**PACKERS** and Warehousemen. Manufacturing Co., etc., to CDB/507, Lond

**QUALIFIED Pharmacist** with experience of Tanning Chemists. Write W.C.2.

**REPRESENTATIVE** in London, to sell commission basis. General and Household Stores, and area covered, to P. London, N.4.

**REPRESENTATIVE** for various lines. Generous of this Paper.

**SURGICAL Appliances** experience, age, London Office of this

**TABLET maker,** with and Reciprocating Sugar Coating required. Box 847, c/o 8 Serle S

**URGENTLY** required experienced Tablet bonus. 381/913, Lond

**WANTED,** Qualified above reservat stating age, experience operative Society, L. Manchester, 1.

**WANTED,** Wet and Warehouse. Ex Apply stating age, exp. London Office of this

## SITUATIONS OPEN

**MALE** (exempt), experienced Dispenser, 4 Bishop's Park Road

**PHARMACIST,** male, position five years, position, private chemist, one month from engagement salary offered to 381/913

**UNQUALIFIED** Male post as Chemist or Sussex preferred. C

**UNQUALIFIED,** Male experienced counter Briggs, 10 Cordelia C

**£5. SENIOR,** unqualified, all-round manufacturer. CDB/512, Lo



## LOCUMS SEEKING ENGAGEMENT

**LOCUM**, thoroughly experienced, tall, good personality (48); free May 17; £4 weekly. CDB/519, London Office of this Paper.

## WHOLESALE

**ACTIVE Representative (44)** seeks position now. Due limitation. 23 years' sound experience Retail and Wholesale. 18 years' travelling connexion London, Surrey, Middlesex, part Kent. Chemists and Stores Toiletries, Packed Goods, Drugs. Car if required. 381/923, London Office of this Paper.

**MEDICAL Propaganda Representation** required by advertiser, experienced propaganda work throughout Great Britain; also excellent West End and Continental Retail. Ineligible further active service. "Raven," 47 Grange Road, Edinburgh.

**SMART young Lady (28)**, with Retail experience, desires to represent Wholesale House or Manufacturer. Very active, keen saleswoman, car driver. Lancashire area preferred. Excellent references. 381/922, London Office of this Paper.

## BUSINESS FOR DISPOSAL

**DORSET.** Business for Sale showing excellent net profit. Lease and compact living accommodation. Satisfactory reason for sale. Details may be had by anyone with £2,500 at command. Banker's reference with first letter, please. CDB/510, London Office of this Paper.

## BUSINESS WANTED

**LADY Pharmacist** requires Pharmacy in the Western Counties, preferably Dorsetshire, but other Western Counties might suit. Good living accommodation and educational facilities essential. Capital available about £1,800. No agents. 381/921, London Office of this Paper.

## MISCELLANEOUS

**HOMOGENISER**, 10-25-gallon capacity, urgently required for work of national importance. Full details and price to 381/917, London Office of this Paper.

**LONDON Perfumery Manufacturers** are prepared to consider the manufacture and distribution of lines which do not come under quota restrictions. Proposals treated confidentially to 380/889, London Office of this Paper.

**SECOND-HAND Microscopes.** A large selection; instruments for all purposes; best makers, faultless condition. 3d. stamp for list. Chards, Specialists, Forest Hill, London, S.E.23.

**WANTED**, name of Wholesaler who can accept substantial order for Class 16 Toilet Goods. Special discount. Replies in confidence. 381/912, London Office of this Paper.

## WANTED

**ARACHIS Oil** wanted in any quantities. Write 29 Seaforth Road, Westcliff, Essex.

**EMULSIFYING and Homogenising Machine** wanted, about 2-gallon capacity. Will pay cash or exchange for saccharin tablets, Ponds and Tokalon Vanishing Cream, Brylcreem, lipsticks or other toilet goods. Full particulars and illustration to CDB/522, London Office of this Paper.

**OILS and Fats** of all descriptions wanted, also Glycerin. (refined and unrefined) and Stearates. Write 7 Addison Road, London, W.14.

**REGULAR supplies** of Saccharin required. Cash waiting. Any quantity. Small or large. Stated price. CDB/521, London Office of this Paper.

**SPERMACETI**, Ol Persic, Pyroxylin, Dewaxed Damar. Write 381/910, London Office of this Paper.

**SURPLUS goods** wanted of all kinds, particularly Cosmetics. Details. CDB/518, London Office of this Paper.

**TABLET Machine** wanted. Hand or power; new, second-hand or in need of repair. State type, capacity, and price. CDB/520, London Office of this Paper.

**WANTED**, Glucose, packed or bulk. Saccharin 550 or soluble. Saccharin tabs. Razor blades. Toilets. State quantities and price. Pharmacy Manager, Retford Co-operative Society, 22 Carolgate, Retford.

## TOILETRIES AND DRUGGISTS' SUNDRIES

**LARGE Canadian Departmental Stores** require new novelty merchandise and will be glad to arrange for inspection of samples in London. Forward particulars to 380/903, London Office of this Paper.

**WANTED**, Citric Acid in Powder granulated; offers invited. CDB/481, London Office of this Paper.

**WANTED** by England's largest Photographic Dealers, All Miniature Cameras, extra lenses and accessories, Rolleiflex, Leica, Contax, Ikontas, etc., also films for Leica, etc. Will buy quotas. Wallace Heaton, Ltd., 127 New Bond Street, W.1.

**WANTED.** Carboys and Glass Containers. 5-10 gallons. Used or new. Good prices paid. Write P.H. Products, Ltd., Imperial Works, Perren Street, Ryland Road, N.W.5.

**WANTED.** Lactic Acid and Citric Acid. Any quantity. Highest prices paid. Write CDB/514, London Office of this Paper.

## FOR SALE

**SENNA Pods.** A large quantity of Tinnevely Senna Pods for manufacturing for disposal. 7d. lb. delivered. 105 Nightingale Road, London, N.22 (Bowes Park 2660).

**WATER GLASS** in bulk. 45s. per drum of 150 lb. (approx.). Free tin. Carriage forward. Cash with order. Shelleys, Ltd., Caldmore, Walsall.

## LATE NEWS

**Association of Pharmaceutical Employees.**—At the annual meeting of the London Division of the Association of Pharmaceutical Employees held on April 27, the following officers were appointed: *Chairman*, Mr. B. A. Williams; *Vice-chairman*, Mr. C. Lefton; *Joint Secretaries*, Messrs. W. S. Benjamin and John M. Allen; *Committee*, Mrs. E. M. Mathewson, the Misses B. B. Phillips and M. Pulvertaft, Messrs. A. Berry, F. H. Connelly, M. H. German, I. Bernstein, H. J. Morgan, R. Roberts, and W. J. Sangster.

## Trade Report

**ACONITE root.**—The spot value of Indian root, if available, would be in the region of 180s. per cwt.

**GAMBAGE.**—Little business is passing. Small supplies of good-quality Siam pipe are available on spot at about £27 per cwt. There are no offers from origin.

**LACTIC ACID (B.P.).**—Makers' prices steady; demand moderate. One-cwt. carboys, 1s. 10d.; winchesters and bottles, 1s. 11d. to 2s. 1d. per lb. **MERCURY IODIDES.**—Makers' prices per lb. are unchanged: RED, less than 7 lb., 16s. 8d.; not less than 7 lb., 16s. 4d.; not less than 14 lb., 15s. 10d. GREEN, less than 7 lb., 18s. 4d.; not less than 7 lb., 18s.; not less than 14 lb., 17s. 6d. YELLOW, less than 7 lb., 20s.; not less than 7 lb., 19s. 8d.; not less than 14 lb., 19s. 2d. net, carriage paid.

**RUBBER.**—Agreement has been reached between representatives of the London rubber trade and the recently-appointed Rubber Controller whereby all importation arrangements will be transferred to the Ministry of Supply. The London rubber market is to remain open and will continue to function within certain prescribed limits. Business on the market was suspended on May 5, but was resumed on the following day. Quotations at the close were nominal as follows: Standard ribbed smoked sheet, spot, 14d.; buyers; July-September, 14½d.; sellers; October-December, 14½d., sellers.

**VERMILION.**—Controlled prices are unchanged: Over 7 lb. but not more than 30 lb., 13s. 1d.; 30 lb. and over but less than 1 cwt., 13s.; 1 cwt. and over but less than 5 cwt., 12s. 11d.; 5 cwt. and over but less than 10 cwt., 12s. 10d.; 10 cwt. and over but less than 20 cwt., 12s. 9d.; 20 cwt. and over, 12s. 8d. Packages free for all quantities; delivery free on orders of £10 and over.

## Coming Events

**Wednesday, May 14**

**READING BRANCH, PHARMACEUTICAL SOCIETY,** Cadena Café, Reading, at 3 p.m. Annual meeting. Mr. J. F. McNeal (a member of the Council) on "Planning Pharmacy."

**Thursday, May 15**

**LEEDS BRANCH, PHARMACEUTICAL SOCIETY,** Metropole Hotel, Leeds, at 7-30 p.m. Annual meeting and elections.

## INFORMATION WANTED

Postal or telephone information with respect to makers or first-hand suppliers of the undimensioned articles will be appreciated.

BH/9.—Sunrae combs—manufacturers wanted.

FB/10.—Champion brand tooth-brushes—manufacturers or agents wanted.







# Phenolphthalein B.P.

**available**

**for**

**prompt**

**delivery**

# Monsanto

**M O N S A N T O   C H E M I C A L S   L I M I T E D**

**RUABON • WREXHAM • DENBIGHSHIRE**

**Tel: Ruabon 3191**



**ZEAL** CLINICALS  
BRITISH MADE



THE CHOICE  
OF  
EXPERTS

NO HIGHER  
IN PRICE  
THAN  
NONDESCRIPT  
MAKES

Also Household, Bath  
and Works Thermo-  
meters, the best of  
their kind.

**G.H. ZEAL LTD**  
LOMBARD RD.  
MORDEN RD.  
LONDON · S · W · 19

**Z**  
TELEPHONE  
LIBERTY  
2283-4-5

## Midland Pharmacists

We do not handle Proprietaries or  
Sundries, but whilst the bulk of our  
output in

**GALENICALS  
OINTMENTS  
EMULSIONS, ETC.**

is promised to Public Health Depart-  
ments and Hospitals in the Midlands  
—we can supply Fine Chemicals and  
Drugs in reasonable quantities.

o

**BLACKWELL, HAYES & Co., Ltd.**  
ESTABLISHED 1875

*Manufacturing Chemists*

**54-58 MOOR STREET, BIRMINGHAM, 4**

Phone: CEN 1267

# STURGE CITRIC ACID

Present-day supplies are restricted by three wartime factors:

- (1) National need to export larger quantities.
- (2) Control of sugar — the raw material of the Sturge biological process.
- (3) Increased demand due to new uses for Citric Acid.

Sturge policy is to apply the fairest possible voluntary rationing system to all old customers.

**JOHN & E. STURGE LTD., 1 WHEELLEYS ROAD, BIRMINGHAM, 15**  
MANUFACTURERS OF FINE CHEMICALS SINCE 1823